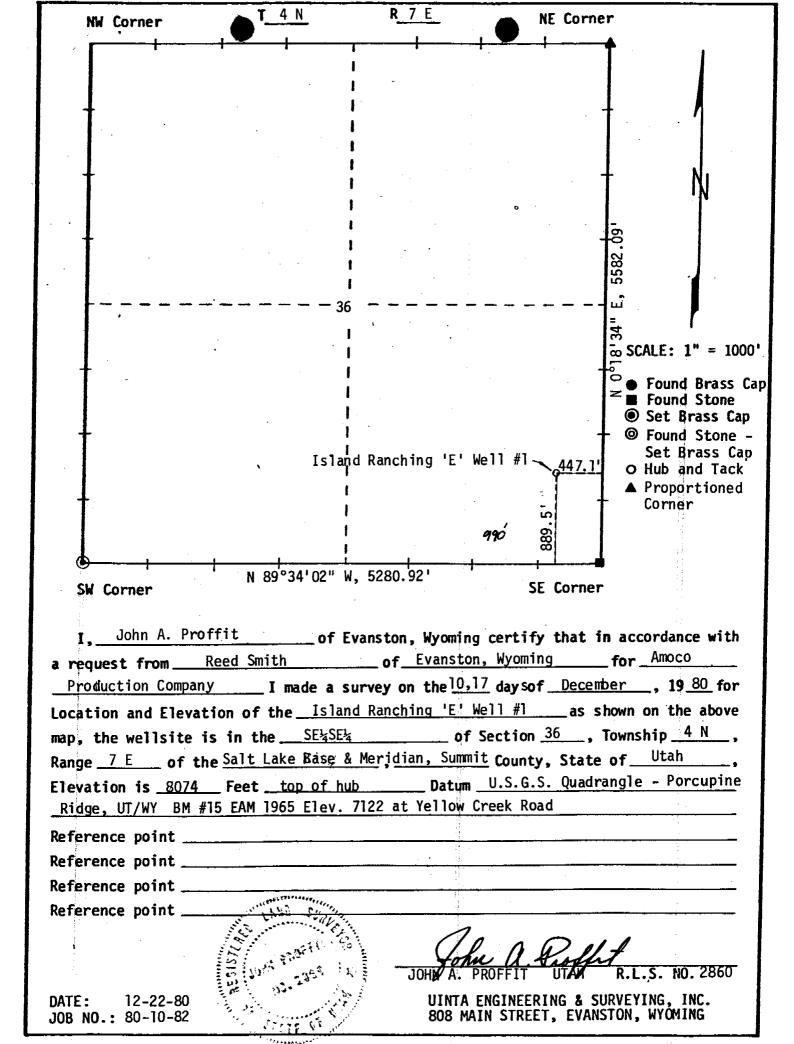
STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES**



5. Lease Designation and Serial No. DIVISION OF OIL, GAS, AND MINING

| <u> </u> | | | ree | |
|--|--|---|--|---|
| APPLICATION FOR PERMIT TO DE | RILL, DEEPEN, OR | PLUG BACK | 6. If Indian, Allottee or | Tribe Name |
| Type of Work | ······································ | | 7. Unit Agreement Name | |
| == + | EN 🗌 | PLUG BACK [| 1. Onto Agreement Name | c |
| Type of Well Oil VV Gas | Single | Multiple [| 8. Farm or Lease Name | |
| Oil XX Gas Well Other | Zone | Zone | Island Ranc | hino "E" |
| AMOCO PRODUCTION COMPANY | | , | 9. Well No. | 111145 |
| Address of Operator | | | <i></i> #1 | |
| P.O. Box 17675 Salt Lak | e City, Utah 8411 | 7 | 10. Field and Pool, or V | /ildcat |
| Location of Well (Report location clearly and in accordance | | | Wildcat | |
| 889.5' FSL & 447.1' FEL S | E/4 SE/4 | | 11. Sec., T., R., M., or and Survey or Area | Blk. |
| At proposed prod. zone BHL - 500' FSL & 5 | 00' FEL | | Sec. 36, T4 | N, R7E |
| Distance in miles and direction from nearest town or pos | st office* | | 12. County or Parrish | 13. State |
| Approximately 10 miles Northeast | | | Summit | Utah |
| Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) | 16. No. of acres in | | of acres assigned s well | |
| Distance from proposed location* to nearest well, drilling, completed, | 19. Proposed depth | 20. Rotar | y or cable tools | |
| or applied for, on this lease, ft. | 14,800' | | Rotary | |
| Elevations (Show whether DF, RT, GR, etc.) | | | 22. Approx. date work | _ |
| 8074' GR | | | When Approv | ed |
| PROPOS | ED CASING AND CEMENTIN | IG PROGRAM | | |
| Size of Hole Size of Casing We | ight per Foot Settin | g Depth | Quantity of Cement | |
| 17 1/2" 13 3/8" | 61#-68# 250 | 0' | irc. to surfac | e sufficient |
| 12 1/4" 9 5/8" 40 | #-43.5# - 47# 11. | | o cover salt a | |
| - 19 A Company of the | .5#-62.8# #-32#-35# 14, | 800' | pay | |
| DOOR TO DESIGN | | DDOM DECEDITEC | | |
| | OP NUGGET HYDROCA | KDON KESEKVES | | |
| DIVISION OF "See | Attachments'' | | | |
| OIL, GAS & MINING | | | . • | |
| (Well to be drilled in acco | | | | |
| selected to avoid unnecces | - | | _ | |
| owner request - BHL to com | pry with spacing | ruies and regu | nacions) | |
| | | | | |
| | • | | | |
| | | | | |
| ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If ctive zone. If proposal is to drill or deepen directionally, eventer program, if any. | | | | |
| 2 / / | | · · · · · · · · · · · · · · · · · · · | | |
| Signed E.R. Whehas | Title Administr | ative Supervis | or Date 12/ | 29/80 |
| (This space for Federal or State office use) | | | | |
| Permit No. | Annroval De | ite | | |
| 1 GLINIQ 1101 | Approvat Di | *************************************** | | |
| Approved by | Title | | Date | AND THE REST OF THE PERSON OF |
| Conditions of approval, if any; | | APPF | POVED BY TH | E DIVISION |
| | | | IL, GAS, AND I | |
| | | DATE | 1/3/7/ | |

*See Instructions On Reverse Side



ATTACHMENT TO FORM OGC-1a Island Ranching "E" No. 1

- 1. Geologic name of the surface formation: Tertiary
- 2. Estimated tops of geological markers:

| Frontier | 3820' |
|------------|---------|
| Gannett | 68201 |
| Preuss | 9820' |
| Salt | 10,820' |
| Twin Creek | 11,320' |
| Nugget | 12,820' |

3. Estimated depths anticipated to encounter water, oil, gas or other mineral-bearing formations:

See Item #2 Above

4. Casing Program:

See Form OGC-la, Item #23

- 5. Operators minimum specifications for pressure control equipment are explained on attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.
- 6. Mud Program:

| 0 - 2000' | Native, 8.5#-8.7# mud, viscosity as required |
|-----------------|--|
| | to clean hole |
| 2000' - 11,500' | Low solid, non-dispersed, 8.8#-10.5#, modified |
| | salt mud |
| 11,500' - TD | Low solid, non-dispersed, 8.8#-9.0# |

7. Auxiliary Equipment:

Kelly cock; floor sub with a full opening valve. 3" choke manifold with remote control choke. Two-man mudlogger

8. Testing Program:

Drill Stem Tests will be conducted as appropriate

Logging Program:

| DIL-GR | Surface t | o Total | Depth |
|------------------------|-----------|---------|-------|
| DLL-MSFL | 11 | 11 | 11 |
| CNL-FDC w/GR Caliper | t T | 11 | 11 |
| FIL-Dipmeter | 11 | 11 | 11 |
| BHC Sonic w/GR Caliper | 11 | ** | 11 |

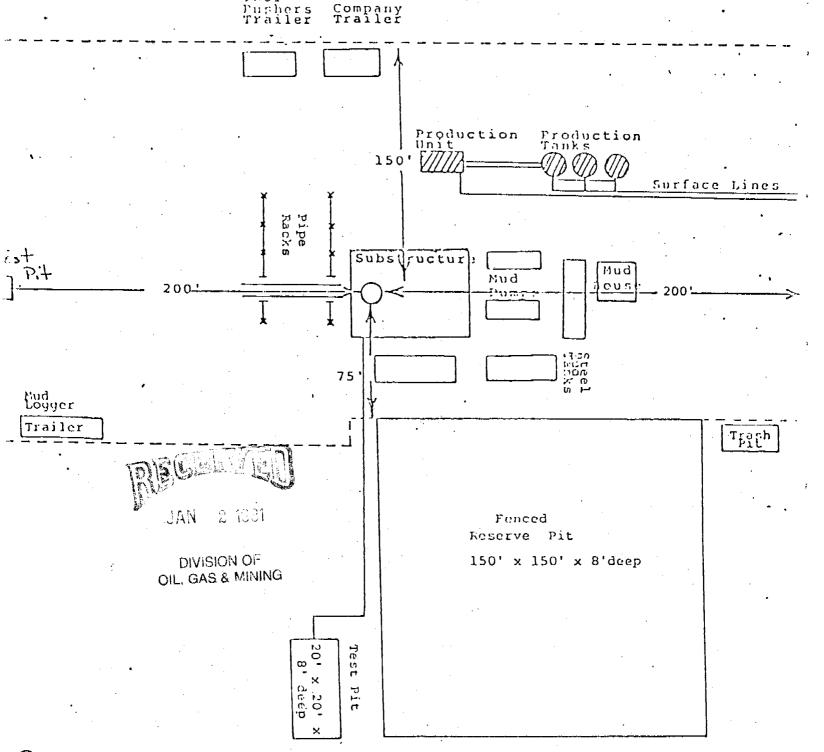
Coring Program:

None Planned

Stimulation Program:

To be determined by District Office upon completion of drilling operations

- 9. No abnormal pressures, temperatures or hydrogen sulfide gas is anticipated.
- Anticipated starting date will be when approved and duration of operations will be approximately 180 days.



Amoco

Shows permanent production equipment to be installed after drilling rig has moved out.

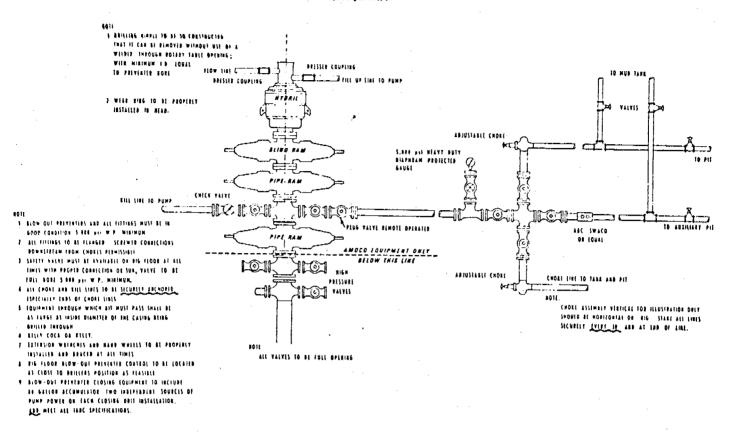
-- Dotted lines indicated perimeter of leveled location.

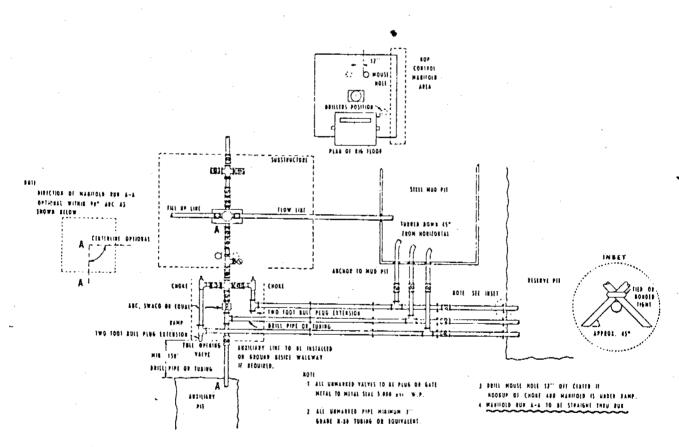
The fenced pit used for production will be covered if any fluid is present. The drills and production pads will be constructed with doxers and graders using native material.

TYPICAL LOCATION LAYOUT P. O. Box 17675
SALT LAKE CITY, UTAL 84117

EXHIBIT "D"

EXHIBIT ROP 5000 MINIMUM BLOW-OUT PREVENTER REQUIRMENTS 5.000 pai W.P.





Amoco Production Company
STANDARD ASSEMBLY FOR FLUID
OPERATED TRIPLE BLOW OUT PREVENTER
6.000 psi W.P.

1-31-35

** FILE NOTATIONS **

| DATE: | an 5 1981 |
|-----------|--|
| OPERATOR: | Amoro Boduction Co. |
| | Island Ranching "F" #1 |
| Location: | : Sec. 36 T. 4N OR. 7F County: Summtt |
| File Prep | pared: |
| Card Inde | |
| · | API Number 43-043-30/57 |
| CHECKED B | <u>3Y : </u> |
| | roleum Engineer: |
| Dire | ector: OK tapo exception as per c-3(C) |
| | |
| Admi | inistrative Aide: |
| | |
| APPROVAL | LETTER: |
| Bond | 1 Required: Survey Plat Required: |
| Orde | er No O.K. Rule C-3 |
| Rule | C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site |
| f in a | Destad on Non |
| Leas | se Designation FEC Plotted on Map |
| Leas | Approval Letter Written |

January 9, 1981

Amoco Production Company P. O. Box 17675 Salt Lake City, Utah 84117

We: Well No. Island Ranching "E" #1
Sec. 36, T. 4N, R. 7E
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer

Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30157.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight Director Form OGC-1b

| | DEDA | STATE OF UTAH | revers | e side) | |
|-----|---|--|----------------------------------|---|---|
| | | RTMENT OF NATURAL RESC ISION OF OIL, GAS, AND M | · | 5. LEASE DESIGNAT | TON AND BERIAL NO. |
| | | OTICES AND REPORTS oposals to drill or to deepen or plug LICATION FOR PERMIT—" for such p | | 6. IF INDIAN, ALLO | TTRE OR TRIBE NAME |
| ī. | OIL T GAS | | | 7. UNIT AGREEMEN | T NAME |
| 2. | NAME OF OPERATOR | | | 8. FARM OR LEASE | NAME |
| | Amoco Production Con | ทอลทง | | Island Ran | |
| 8. | ADDRESS OF OPERATOR | -party | | 9. WELL NO. | CITHIE II |
| | P.O. Box 17675. Sal | lt Lake City, Utah 84 | 117 | #1 | |
| 4. | LOCATION OF WELL (Report location | on clearly and in accordance with any | | 10. FIELD AND POO | L, OR WILDCAT |
| | See also space 17 below.) At surface | | | Wildcat | |
| | 889.5' FSL & 447.1' | FEL SE/4 SE/4 | | 11. SEC., T., E., M., SURVEY OR A | OR BLE. AND |
| | | | | Sec. 36, To | 4N, R7E |
| 14. | PERMIT NO. | 15. BLEVATIONS (Show whether p | F, RT, GR, etc.) | 12. COUNTY OR PAR | RISH 18. STATE |
| | 43-043 - 30157 | 8074' GR | | Summit | Utah |
| 16. | Check | Appropriate Box To Indicate N | Nature of Notice, Report, or | Other Data | |
| | NOTICE OF IN | TENTION TO: | BUBSI | EQUENT REPORT OF: | |
| | TEST WATER SHUT-OFF | FULL OR ALTER CASING | WATER SHUT-OFF | REPAIRI | NO WELL |
| | FRACTURE TREAT | MULTIPLE COMPLETE | FRACTURE TREATMENT | | G CABING |
| | SHOOT OR ACIDIZE | ABANDON* | SHOOTING OR ACIDIZING | ABANDON | |
| | REPAIR WELL | CHANGE PLANS | (Other) | ··- | |
| | (Other) Withdrawal | l of application | | its of multiple completi apletion Report and Log | |
| 17. | proposed work. If well is dirent to this work.) * | OPERATIONS (Clearly state all pertinent sectionally drilled, give subsurface local pertinent pertinent by the subsurface local pertinent | tions and measured and true vert | ical depths for all mar | date of starting any kers and zones perti- |
| | DITTI CHE SAIG WEIT | • | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | • | |
| | | | | | |

| | e v | | | |
|---|--------------|--------------------------|----------|---------|
| 18. I hereby cartify that the foregoing is | A . | Administrative Superviso | T DATE _ | 3/12/81 |
| (This space for Federal by State office APPROVED BY | e use) TITLE | | DATE _ | |

| SUBM | TRIPLICATE |
|------|----------------|
| (0) | istruct∮ons on |
| | everse side) |

| | DIVISION OF OIL, GAS, AND MINING | 5. LEASE DESIGNATION AND SERIAL NO. Fee |
|-----|--|---|
| | SUNDRY NOTICES AND REPORTS ON WELLS. (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.) | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 1. | OIL WELL WALL OTHER | TO UNIT AGREEMENT NAME |
| 2. | Ow. | O. PARM OR DEADS NAME |
| 8. | AMOCO PRODUCTION COMPANY ADDRESS OF OPERATOR | Island Ranching 'E'' |
| | P.O. Box 17675 Salt Lake City, Utah 84117 | #1 |
| 4. | LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface | 10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East |
| | 889.5' FSL & 447.1' FEL SE/4 SE/4 | 11. SPC., T., R., M., OR BLE. AND SURVEY OR ARRA |
| | BHL: 500' FSL & 500' FEL | Sec. 36, T4N, R7E |
| 14. | PERMIT NO. 43-043-30157 15. BLEVATIONS (Show whether DF, RT, GR, etc.) 8074' GR | Summit Utah |
| 16. | Check Appropriate Box To Indicate Nature of Notice, Report, or O | ther Data |
| | NOTICE OF INTENTION TO: | ENT REPORT OF: |
| | TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF | REPAIRING WELL |
| | FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING | ALTERING CASING ABANDONMENT |
| | REPAIR WELL CHANGE PLANS (Other) | |
| | | of multiple completion on Well tion Report and Log form.) |
| 17. | DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical nent to this work.)* Amoco Production Company requests reinstatement of the statement of the statem | depths for all markers and zones perti- |
| | subject Application for Permit to Drill withdrawn by Sundry Notice dated 3/12/81. | |
| | Amoco proposes to drill the subject well in accordance with the Order issued in Cause No. 183-6 and 183-7, 4/30/81 | |
| | (all previously submitted information under 'Applica' for Permit to Drill' previously submitted and appro- by your office on 1-9-81, will remain the same) | |
| | | |
| 18. | I hereby certify that the foregoing is true and correct . District | |
| | SIGNED Administrative Supervisor | r June 26, 1981 |
| | (This space for Federal or State office use) | |
| | APPROVED BY TITLE | DATE |
| | CONDITIONS OF APPROVAL, IF ANY: | |

Scott M. Matheson. Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 15, 1981

Amoco Production Company
P. O. Box 17675
Salt Lake City, Utah 84078

Re: See Attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

CARI FURSE CLERK TYPIST WELL # Louisiana Land & Exploration Federal 1-34 Sec. 34, T. 8N, R. 6E, NE SE Rich County, Utah

Well # Champlin 55-1 Amoco "B" #1 Sec. 33, T. 3N, R. 4E Summit County, Utah

Well No. State of Utah "S" #1 Sec. 30, T. 3N, R. 7E, NW SW Summit County, Utah

Well No. Howell Livestock "B" #1 Sec. 6, T. 3N, R. 8E Summit County, Utah

Well No. Island Ranching "D" #1 Sec 14, T. 4N, R. 7E Summit County, Utah

Well No. Island Ranching"E " #1 Sec 36, T. 4N, R. 7E Swimit County, Utah

Well No. Champlin 458 Amoco "D" #4 Sec 29, T. 4N, R. 8E Summit County, Utah

Well No. Champlin 458 "E" WIU # 1 Sec, 31, T. 4N, R. 8E Summit County, Utah

Well No. Champlin 458 "E" WIU #2 Sec. 31, T. 4N, R. 8E Summit County, Utah

Well No. Island Ranching "E" #2 Sec. 36, T. 4N, R. 7E Summit County, Utah

Well No. Champlin 846- Amoco "B" 1 Sec. 19, T. 5N, R. 8E Summit County, Utah

Well No. M.A. SMith #2 Sec. 16, T. 3S, R. 10W

Wasatch County

Well No. Island Ranching #C 1 Sec. 26, T. 4N, R. 7E Summit County

Well No. Thousand Peaks Ranching WIU #1 Sec. 32, T. 4N, R. 8E Summit Cou-nty, Utah

EXHIBIT NO. 5 A

CORING PROGRAM ANSCHUTZ RANCH EAST FIELD SUMMIT COUNTY, UTAH

| WELL | LOCATION | REMARKS |
|-----------------------------|-----------------|--------------------|
| [‡] Amoco 458 G #1 | SE-SE- 17-4N-8E | NATIVE STATE |
| Амосо 458 F #2 | NE-SW 21-4N-8E | CURRENTLY DRILLING |
| Anschutz | SE-NW 20-4N-8E | |
| Амосо 458 D #1 | NW-NW 29-4N-8E | Done - 407' |
| Амосо 458 D #3 | NW-SW 29-4N-8E | CURRENTLY DRILLING |
| Амосо 458 D #4 | NW-SE 29-4N-8E | |
| Anschutz | NW-SE 30-4N-8E | |
| Амосо 458 E #1 | NW-NE 31-4N-8E | NATIVE STATE |
| Amoco I.R. E #1 | SW-SW 36-4N-8E | |

EXHIBIT NO. 5

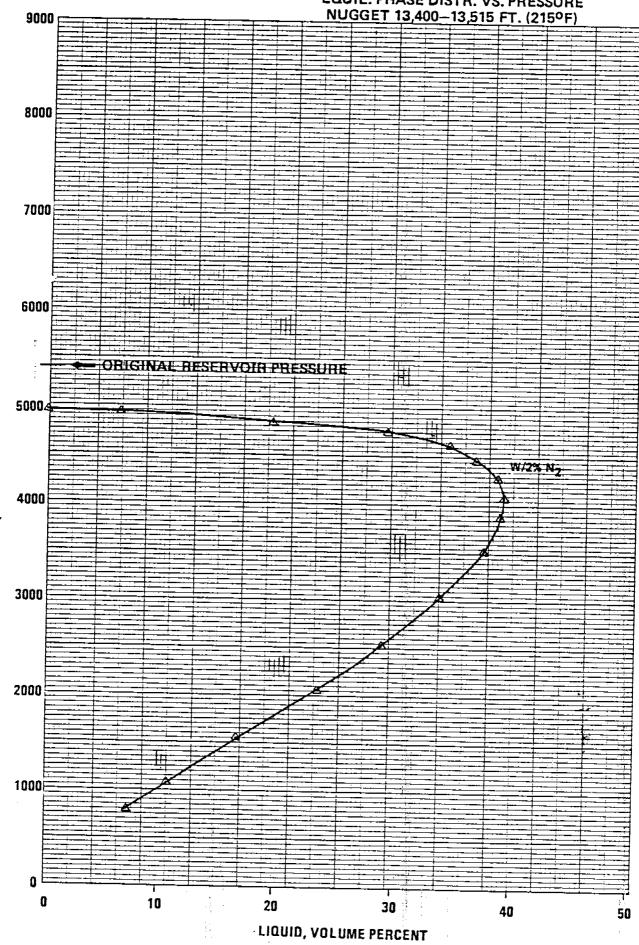
DATA COLLECTION PROGRAM

ANSCHUTZ RANCH EAST FIELD

SUMMIT COUNTY, UTAH

- 1. LOGGING PROGRAM
 - A. FDC-CNL, Sonic, DIL-SFL-GR
 - B. TDT BASE
 - C. DIPMETER
 - D. FRACTURE LOG
- 2. Cores
 - A. 1 WELL/SECTION
 - B. NATIVE STATE 2 WELLS
- 3. RESERVOIR FLUID SAMPLES
- A. RECOMBINATION SAMPLES NEXT 4 WELLS TESTED
 - FROM ABOVE & BELOW FAULTS
 - B. SELECTIVELY TEST ABOVE & BELOW GWC
- 4. BOTTOM HOLE PRESSURE SURVEYS
 - A. Monthly 1st 3 months Quarterly Thereafter
 - NEXT 4 WELLS TESTED
 - B. STATIC PRESSURES ON WATER PRODUCTIVE INTERVALS
- 5. NORMAL PRODUCTION PERFORMANCE DATA
 - A. CONDENSATE PROD. VS TIME
 - B. GOR vs. TIME
 - C. WATER PROD. VS. TIME
 - D. F.T.P. vs TIME
- 6. SPECIAL DATA
 - A. Monitor Possible GWC Movement with TDT Log in Wells
 Penetrating GWC

BOUNTIFUL LIVESTOCK WELL NO. 1
ANSCHUTZ RANCH EAST FIELD, SUMMIT CO., UTAH
EQUIL. PHASE DISTR. VS. PRESSURE
NUGGET 13 400 - 13 E15 ET. (21505)



PRESSURE, PSIA

NO. 3110.

EXHIBIT NO. 3

BOUNTIFUL L.S. #1 - BHPBU TEST SUMMARY

ANSCHUTZ RANCH EAST FIELD SUMMIT COUNTY, UTAH

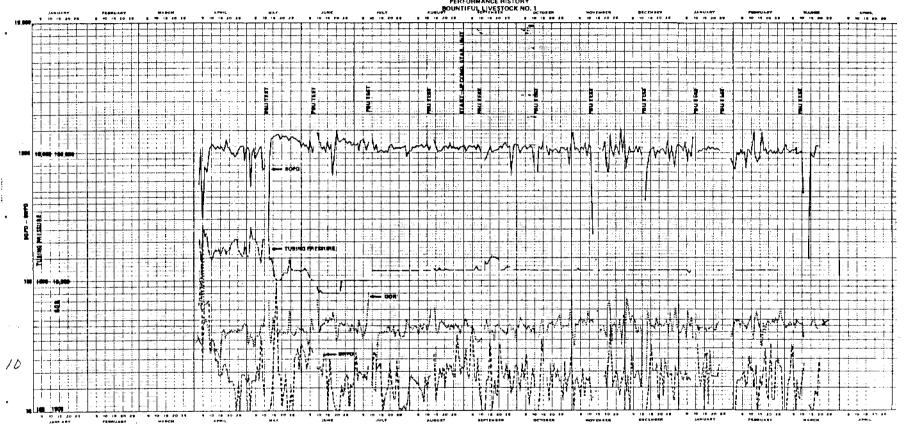
| _PR | RESS. a 128 | 300 <i>1</i> | | 20MM I | I COUNTY, UTAH | | |
|----------|-------------|---------------|--------------|----------------|----------------|-------------------|--|
| DATE | BOMB | Pa 36 HR. | P* | SKIN EACTOR | SKIN P | <u> </u> | and the second of the second |
| 5/10/80 | Α | 5291 | 5310 | +104 | 1082 PSI | ···· · | |
| 6/6/80 | Α | 5315 | 5348 | +111 | 2321 PSI | 4.3 MD | 36 HR. |
| 7/7/80 | Α | 52 7 0 | 5298 | +130 | | 3.3 MD | 36 HR. |
| 8/12/80 | Α | 5272# | 5281 | | 2290 PSI | 3,5 MD | 36 HR. |
| 9/10/80 | HP | 5275# | | +144 | 2099 PSI | 4.0 MD | 36 HR, |
| 10/10/80 | HP | | 5296 5000 | +175 | 2132 PSI | 4.6 MD | 36 HR. |
| 11/11/80 | | 5272 | 5290 | +163 | 2128 PSI | 4.6 MD | 36 HR. |
| | HP - | 5275 | 5292 | +186 | 2157 PSI | 4.8 MD | 36 HR. |
| 12/10/80 | А | 5266** | | | | 770 715 | |
| 1/8/81 | HP | 5277** | 5293** | +201 | 2270 PSI | 7 0 | 36 HR. |
| 1/23/81 | HP | 5267 | 5286 | +131 | 2137 PSI | 7.8 MD | 36 HR. |
| | HP | 5267 | 5280 | +205 | 2175 PSI | 3.3 MD | 36 HR. ANALYSIS |
| 3/13/81 | HP | 5259 | 5282 | +154 | | 5.1 MD | 72 HR. ANALYSIS |
| | HP | 5259 | 5272 | | 2231 PSI | 5.2 MD | 36 HR. ANALYSIS |
| | | - <u>-</u> J | JLIL | +280 | 2276 PS] | 9.3 MD | 72 HR. ANALYSIS |

[#] PROJECTED FROM BOMB DEPTH OF 13400'

^{**} PROJECTED FROM BOMB DEPTH OF 10,000'

^{***} H = 592'

EXHIBIT NO. 2 ANSCHUTZ RANCH EAST FIELD PERFORMANCE HISTORY BOUNTIFUL LIVESTOCK NO. 1



.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

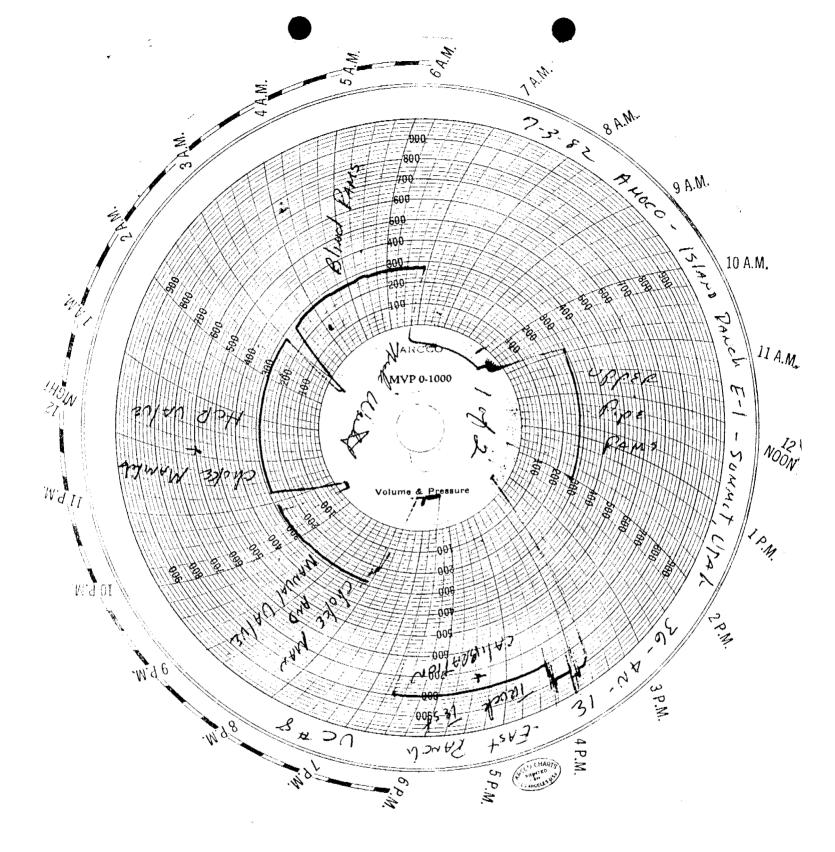
| NAME OF CO | OMPANY: AMOCO | | |
|-------------|------------------------|---------------------------------------|----------------|
| WELL NAME: | Island Ranch #E-1 | ··· -·· | |
| | | | COUNTY: Summit |
| DRILLING C | CONTRACTOR: Versen Coc | krane | |
| RIG #8 | | | • |
| | DATE: 7-3-82 | | |
| | TIME: | | |
| | DRILLING: | | |
| | CASING: | | |
| | H ₂ S: | | |
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| | | | |
| REPORTED E | Kathleen - Rebel | Rentals | |
| TELEPHONE | NO. 307-362-7500 (Roc | k Springs) | |
| | | | |
| DATE: 7 | -6-82 | SIGNED_ | AS |
| | | | |

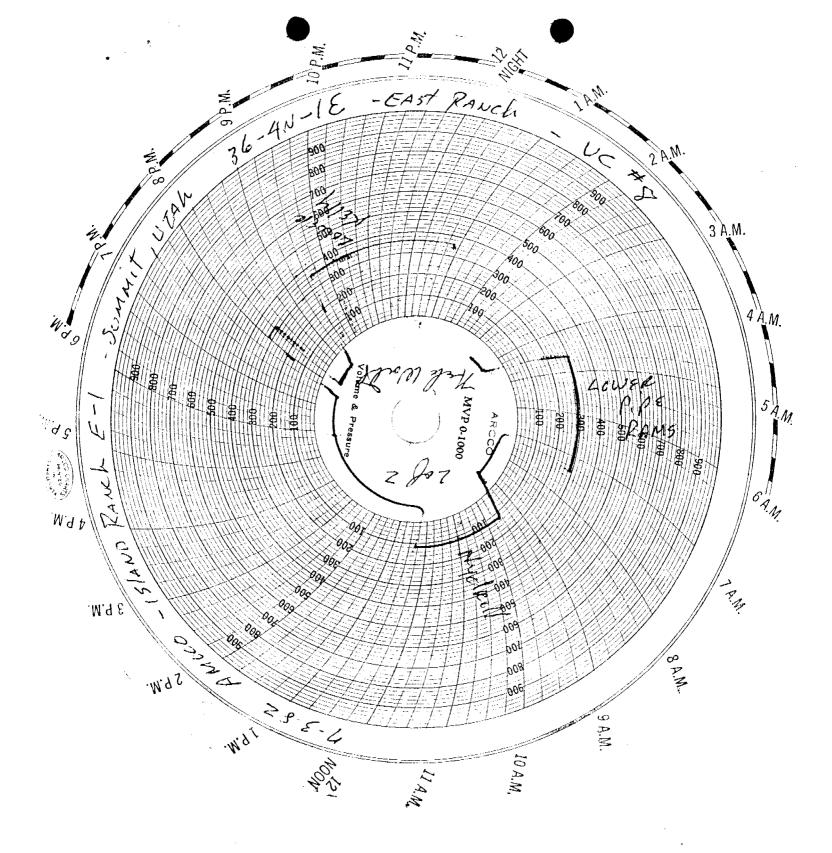
| REBEL TESTERS Drilco - See-Flo - Degassers |
|---|
| P.O. BOX 1165 - ROCK SPRINGS, WYOMING 82901 - (307)362-7500 |
| 24 Hour Service Date 7-3-82 |
| co. AMOCO |
| Lease & Well # Island Panch E-1 County & State SU MMit UTAH |
| Sec. 36 T.S. 4N Range 1E |
| Field EAST RANCL Rig VC #8 |
| Operators Equipment to Test Following B.O.P. & MANIFOLD |
| Hydrill 1500 PSI Choke Manifold 3000 PSI |
| Upper Rams 3000 PSI H.C.R. Valve 3000 PSI |
| Lower Rams 3000 PSI Manual Valve 3000 PSI |
| Blind Rams 3000 PSI Upper Kelly Valve PSI |
| Casing PS1 Lower Valve 3000 PS1 |
| Other PSI Tool Joint Connection 4/2 IF |
| Remarks Appluso 4:00 P.M. 7-3-82 (-WAMSP ON DRILL) |
| STARTED TESTING - 6:00 P.M. (COLLAR INSPECTION) |
| Completed Testing - 9:30 P.M. |
| GOOD TEST |
| Test BOP Stack 8 hour Minimum 900 |
| Test Plug Used 12" CAM 10000 |
| Test Subs Used 4 /2 1 F BOXa - 4/2 IF BIN each 5000 10000 |
| Test Seals each |
| Special X over Subs 4/2 VH RIN to 4/1 15 Box 50 50 50 |
| Additional Hours (d. Woch |

Additional Unit No. # Prices Subject to Correction by Bookkeeping Dapt.

Customers Order No.

DIVISION OF





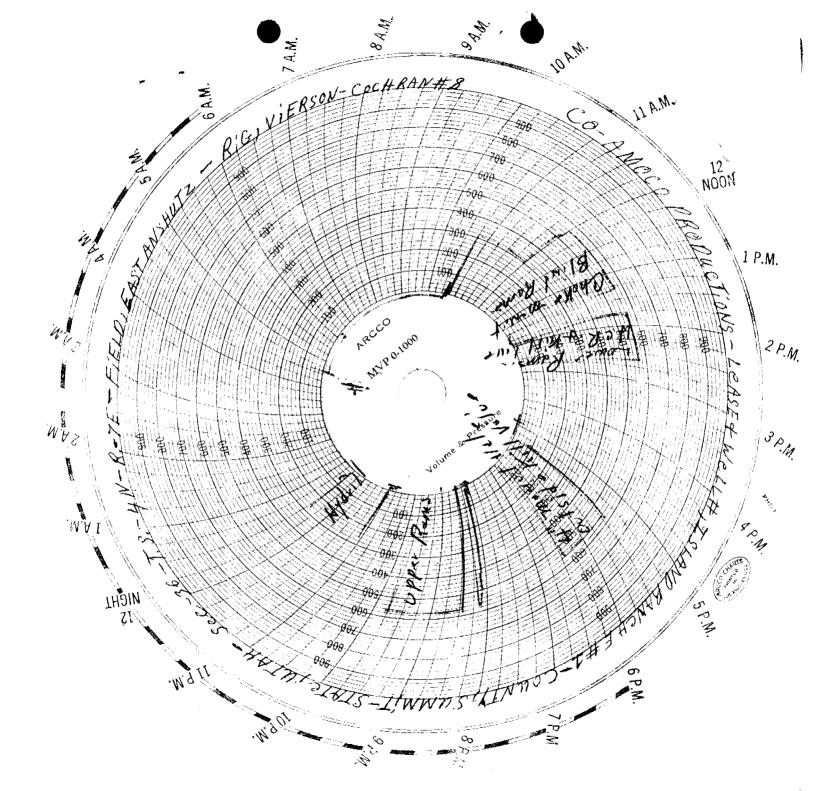


REBEL TESTERS

Drilco - See-Flo - Degassers

P.O. BOX 1165 - ROCK SPRINGS, WYOMING 82901 - (307)362-7500

| P.O. BOX 1165 | - ROCK SPRINGS, WYOMING 82901 - (307)362-7500 24 Hour Service DIVISION OF | E |
|------------------------------|---|------------------|
| a Chana a Ch | Date 7 20-82 VIL, GAS & MIA | ling |
| co. amoro Prop | | |
| Lease & Well # Aslamo | Ranch F # County & State Summit, retal | |
| SecT.S | 4N Range 7E | |
| Field East anshut | Kig Vxerson Cochram # 8 | |
| Operator& Equipment to Test | Following 1211-15000 BSPST BOP'S + manifor | 01 |
| Hydrill <u>2500</u> | PSI Choke Manifold 5000 PSI | , and the second |
| Upper Rams_5000 | PSI H.C.R. Valve 5000 PSI | • / |
| Lower Rams_5000 | PSI Manual Valve 5000 PSI | |
| | PSI Upper Kelly Valve PSI | |
| Casing | PSI Lower Valve PSI | |
| Other | PSI Tool Joint Connection 4/2 IF | |
| Remarks arrived at | location 12:00 finished test at | |
| 3:10 pm. Co | rrected ONe Look (900d | |
| | ble to set weer Sleve. | |
| Threeds had | in sleva | |
| Test BOP Stack 8 hour Minimu | | |
| Test Plug Used 12" Cilu | A 1 22 | |
| Test Subs Used 41/2 if | 11/10 | |
| est Seals N/C | 1/6 | |
| pecial X over Subs N/C | 6//0 | |
| dditional Hours N/C | each | |
| 11/10 | Each //C | |
| Miles(d | each // C | |
| perator Molvin Willi | Total \$ 1000 00 | |
| od Cray | Subject to Correction by Bookkeeping Dant. | |
| 30d V.L. | Customers Signature | |
| 1. A / - | Customers Order No. | |





4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 21, 1983

Amoco Production Company P. O. Box 17675 Salt Lake City, Utah 84117

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

eri Furse

Cari Furse

Well Records Specialist

CF/cf

Well No. Champlin 392 Amoco 'B" # 1 Sec. 1, T. 5N, R. 6E. Rich County, Utah

Well No. Champlin 391 Amoco "B" # 1 Sec. 7, T. 6n, R. 7E. Rich County, Utah

Well No. Champlin 425 Amoco 'B' # 1 Sec. 3, T. 2N, R. 4E. Summit County, Utah

Well No. Champlin 544 Amoco 'B" # 1 Sec. 1, T. 3N, R. 7E. Summit County, Utah

Well No. Champlin 389 Amoco 'B' # 1 Sec. 31, T. 3N, R. 7E. Summit County, Utah

Well No. Thousand Peaks Ranches "B" # 2 Sec. 6, T. 3N, R. 8E. Summit County, Utah

Well No. Thousand Peaks Ranches "B" # 1 Sec. 6, T. 3N, R. 8E. Summit County, Utah

Well No. Champlin 406 Amoco 'B" # 1 Sec. 19, T. 4N, R. 7E. Summit County, Utah

Well No. Island Ranching "E" # 1 Sec. 36, T. 4N, R. 7E. Summit County, Utah

Well No. Champlin 458 Amoco 'G' # 2 Sec. 17, T. 4N, R. 8E. Summit County, Utah

Well No. Champlin 458 Amoco 'D' # 4 Sec. 29, T. 4N, R. 8E. Summit County, Utah

Well No. Thousand Peaks Ranches WIU # 2 Sec. 32, T. 4N, R. 8E. Summit County, Utah

Well No. M. A. Smith # 2 Sec. 16, T. 3S, R. 10W. Wasatch County, Utah

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES



| | DEPARTMENT OF NATURAL RE DIVISION OF OIL, GAS, AND | - + - · · - | 5. Lease designation and serial Fee | L NO. |
|--|--|--------------------------------|--|-------------|
| | Y NOTICES AND REPORTS for proposals to drill or to deepen or plu "APPLICATION FOR PERMIT—" for suc | | 6. IF INDIAN, ALLOTTER OR TRIBE | NAME |
| 1. OIL GAS WELL WELL WELL | OTHER | , proposition, | 7. UNIT AGREEMENT NAME | |
| 2. NAME OF OPERATOR | | | 8. FARM OR LEASE NAME | |
| AMOCO | PRODUCTION COMPANY | | Island Ranching "F | gi i |
| 8. ADDRESS OF OPERATOR | D 17675 - C-1+ T-1 Cit- | | 9. WELL NO. | |
| | Box 17675 Salt Lake City | _ | #1 | |
| 4. LOCATION OF WELL (Report See also space 17 below.) At surface | location clearly and in accordance with a | ny State requirements.* | 10. FIELD AND FOOL, OR WILDCAT | |
| | FSL & 447' FEL | | Anschutz Ranch | |
| 009.5 | rsl & 44/ rel | | BURVEY OR ARMA | |
| | | | Sec. 36, T4N, R7E | |
| 14. PERMIT NO. | 15. BLEVATIONS (Show whether | DF, RT, GR, etc.) | 12. COUNTY OR PARISH 18. STAT. | _ |
| 43-043-30157 | 8074' GR | | Summit Utal | 1 |
| 16. C | heck Appropriate Box To Indicate | Nature of Notice, Report, or C | Other Data | |
| NOTICE | OF INTENTION TO: | ausagu | JENT REPORT OF: | |
| TEST WATER SHUT-OFF | FULL OR ALTER CASING | WATER SHUT-OFF | REPAIRING WELL | 7 |
| FRACTURE TREAT | MULTIPLE COMPLETE | FRACTURE TREATMENT | ALTERING CASING |] |
| SHOOT OR ACIDIZE | ABANDON* | SHOOTING OR ACIDIZING | ABANDONMENT* | |
| REPAIR WELL | CHANGE PLANS | (Other) REPORT OF | OPERATIONS XX of multiple completion on Well | Ľ |
| The subject | site remains a location | only - anticipate well | . to | |
| be drilled o | | 1 | | |
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| 18. I hereby corpay that the re | pregoing to true and correct | | | |
| / - | | administrative Supervis | or _{DATE} 1-5-82 | |
| | Surrence S | Administrative Supervis | or _{DATE} 1-5-82 | |

DATE

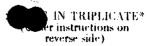
DEPARTMENT OF NATURAL RESOURCES

| SUIT IN TRIPLICATES | ÷ |
|---------------------|---|
| reverse side) | |

21

| | ON OF OIL, GAS, AND MI | | 5 LEASE DESIGNATION | N AND SERIAL NO. |
|--|---|--|---|--|
| SUNDRY NOT (Do not use this form for propo Use "APPLIC | ICES AND REPORTS (sals to drill or to deepen or plug b ATION FOR PERMIT—" for such p | DN WELLS | Fee | BU OR TRIBE NAME |
| OIL GAS XX OTHER | | | 7. UNIT AGREEMENT N | IAM# |
| 2. NAME OF OPERATOR AMOCO PR | RODUCTION COMPANY | DIVISION OF GAS & ASIN' | S. FARM OR LHAME NA Island Ranc | |
| 3. ADDRESS OF OPERATOR P.O. Box | x 17675 Salt Lake Cit | y, Utah 84117 | 9. WELL NO. #7 | ************************************** |
| LOCATION OF WELL (Report location of See also space 17 below.) At surface | | State requirements. | Anschutz Ra | |
| 890' FSI | _ & 447' FEL | | 11. SEC., T., R., M., OR SURVEY OR ARE | BLE. AND |
| 14. FERMIT NO. | 15. BLEVATIONS (Show whether or, | RT, GR, etc.) | Sec. 36, T4 | N, R7E m 18. stata |
| 43-043-30157 | | | Summit | Utah |
| Check Ag | opropriate Box To Indicate N | | Other Data | |
| FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPE proposed work. If well is directlo nent to this work.) Spud Date: 1/27 Casing Set: 13 | 7/82 | (Note: Report result Completion or Recomp | ai depths for all marker | on Well |
| Perforated Inter Re-entered well | Nipple Up BOP | letion Unit | /24/83, | |
| SIGNED | | inistrative Superviso | or 2/28, | /83 |
| (This space for Federal or State office | ce use) | | | |
| APPROVED BY CONDITIONS OF APPROVAL, IF A | NY: | | DATE | |

APPROVED BY CONDIA. YS OF APPROVAL, IF ANY:



| | E OF UIAH | TEVETSE . | side) | |
|--|---|--|--|---------------------|
| DEPARTMENT OF | | | | |
| DIVISION OF DI | IL, GAS, AND MIN | IING | 5. LIASE DESIGNATIO | N AND BERTAL NO. |
| | | | 6. IF INDIAN, ALLOT | TER OR TRIBE YAME |
| SUNDRY NOTICES AN (Do not use this form for proposals to drill Use "APPLICATION FOR | VD REPORTS Of to deepen or plug banker of the deepen or plug banker or such pro | N WELLS lick to a different reservoir. posseis.) | V. IV INDIAN, ADDOL | |
| OIL GAS WELL OTHER | | | 7. UNIT AGREEMENT | EMAN |
| 2. NAME OF OPERATOR Amoco Production Company | | | 8. FARM OR LEASE N | oching "E" |
| 3. ADDRESS OF OPERATOR | | | 9. WELL NO. | iching E |
| P.O. Box 17675 Salt Lake Ci | | 4117 | 1 | |
| LOCATION OF WELL (Report location clearly and in See also space 17 below.) At surface | accordance with any S | tate requirements. | Anschutz I | |
| 890' FSL & 447' FEL | | | 11. SMC., T., R., M., OR SURVEY OR ARE | |
| 14. PERMIT NO. 15. MINVAT | | | Sec.36, T | • |
| · · · · · · · · · · · · · · · · · · · | nons (Show whether or, 1 | RT. GR. etc.) | 12. COUNTY OR PARIS | Utah |
| | | () | <u> </u> | 1 5-300 |
| NOTICE OF INTENTION TO: | pox 10 indicate 14d | iture of Notice, Report, or C | Viner Laid SENT ESPORT OF: | |
| <u> </u> | | | 7 | |
| PRACTURE TREAT PULL OR ALTE | | WATER SHUT-OFF | REPAIRING | |
| SHOOT OR ACIDIZE ABANDON® | 77 | FRACTURE TREATMENT SHOUTING OR ACIDIZING | ALTERING | |
| REPAIR WELL CHANGE PLAN | , | (Other) Report of | perations | - |
| (Other) | | | of multiple completion etion Report and Log f | on Well |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Cler proposed work. If well is directionally drilled, nent to this work.)* Date: 5-16-83 | give subsurface locatio | na and measured and true vertice | il depths for all marke | re and zones perti- |
| TD: 10,844' | | | | |
| Drilling ahead with 12.25" Bi | t | | | |
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| | | | | 1 |
| | | | | \ |
| | | | JUN 2 1983 | ING |
| 18. I hereby certify that the foregoing is true and co | rrect | In | | |
| SIGNED Laury J. Smith | TITLE Sta | ff Administrative | DATE \$27 | <i>\$3</i> |
| (This space for Federal or State office use) | <u> </u> | | | |

DATE _

TITLE _

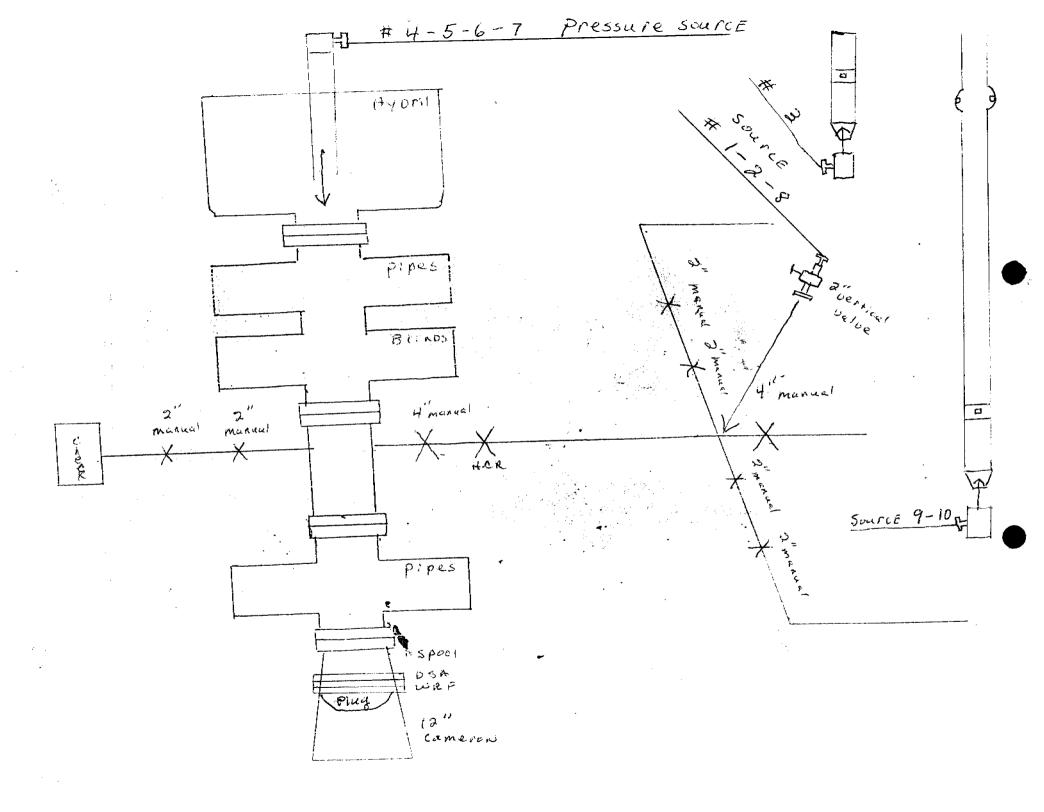
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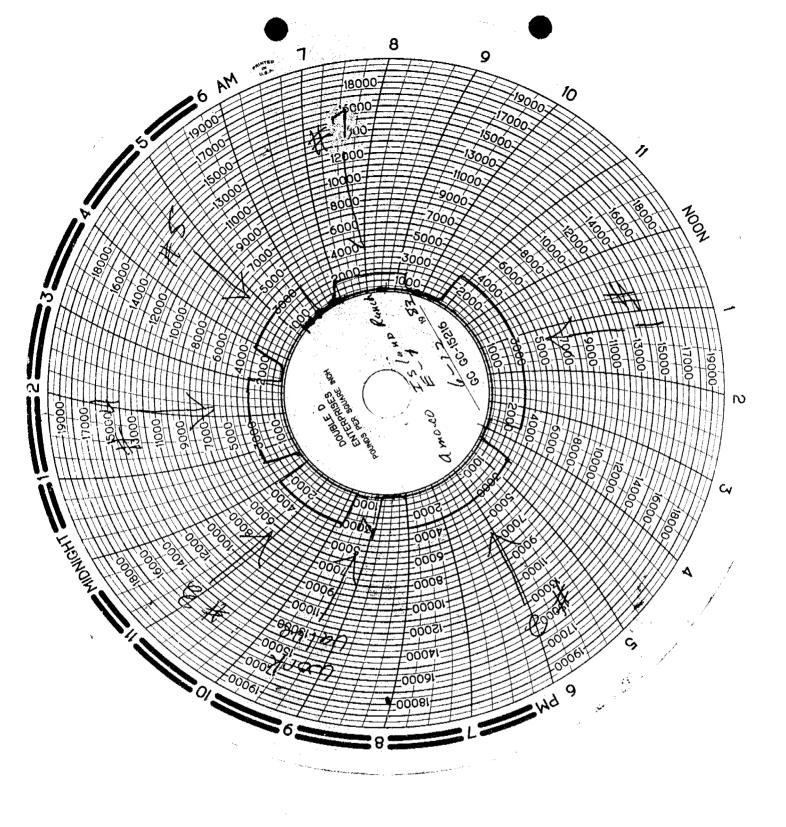
DOUBLE "D" ENTERPRISES

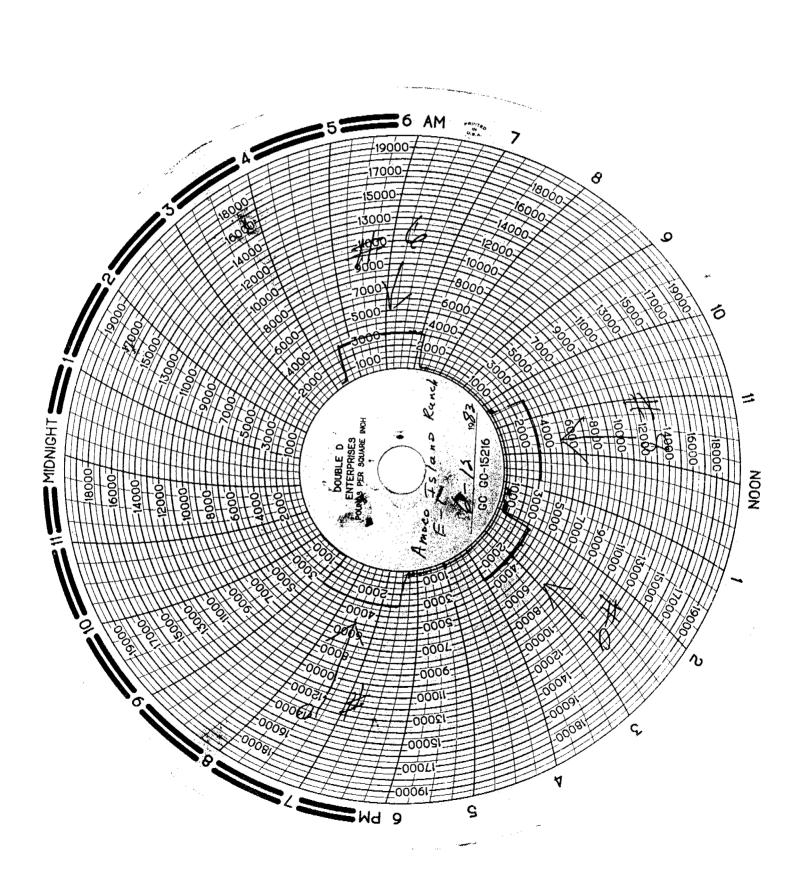
B.O.P. Test Report

| B.O.P TEST PERFO | AMED ON: 6-12-83 |
|----------------------|--|
| 01: 00 | Amoro |
| WELL NAME & NUMBE | E Island Ranching E-1 |
| ; | SECTION: 36 |
| | TOWNSHIP: 4N |
| | RANGE: 7-E |
| COUNTY Summi | |
| DRILLING CONTRACTO | DR: V-C-11 |
| TESTED BY | DOUBLE "D" ENTERPRISES, INC. 712 Morse Lee Street |
| ALOUE NUMBERS | Evanston, Wyoming 82930 (307) 789-9203, or (307) 789-582! |
| PHONE NUMBERS: | |
| | EVANSTON SHOP ADDRESS: 96 WILLOW WAY |
| | SUNSET INDUSTRIAL PARK EVANSTON, WYOMING 82930 |
| - INVOICES BILLED OU | TOF: |
| | DOUBLE "O" ENTERPRISES, INC. |
| | P.O.Box 560 Shoshoni, Wyoming 82649 |
| OTE CO SITE REPRE | SENTATIVE: Tracy |
| RIG TOOL PUSHER: | |
| · - | Evanston OFFICE: |
| | Estah Oil & Gas |
| | |
| COPTES OF THIS TES | TREPORT SENT COPIES TO: Utah O'I & GGS |
| | Amoco Site Rep |
| | |
| | COOPERT ON FILE AT: Evanston OFFICE |
| ORIGINAL CHART | Phone Number (307) 789-4790 |
| | Shane McKedwi Flore Number (307) 789-5162 Mika Rykhus Phone Number (307) 789-5162 Evanston, Wyoming 82930 |
| | Evanstan, wyoming or a |
| DIV. OF OIL, GAS & | MININS . |
| | Control of the Contro |

| C | a . O | Lease & Well Name # PatcofTest | Rig |
|---|---------------|--|--|
| | om Pany | | 0,0, |
| A H | noco | Island Ranching 6-12 | 17 |
| • | | E-1 | |
| 257.4 | Time | | |
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| # - 6 | 10-1013 | Upper Kelly 3000 15 MIN O | K Lawy and |
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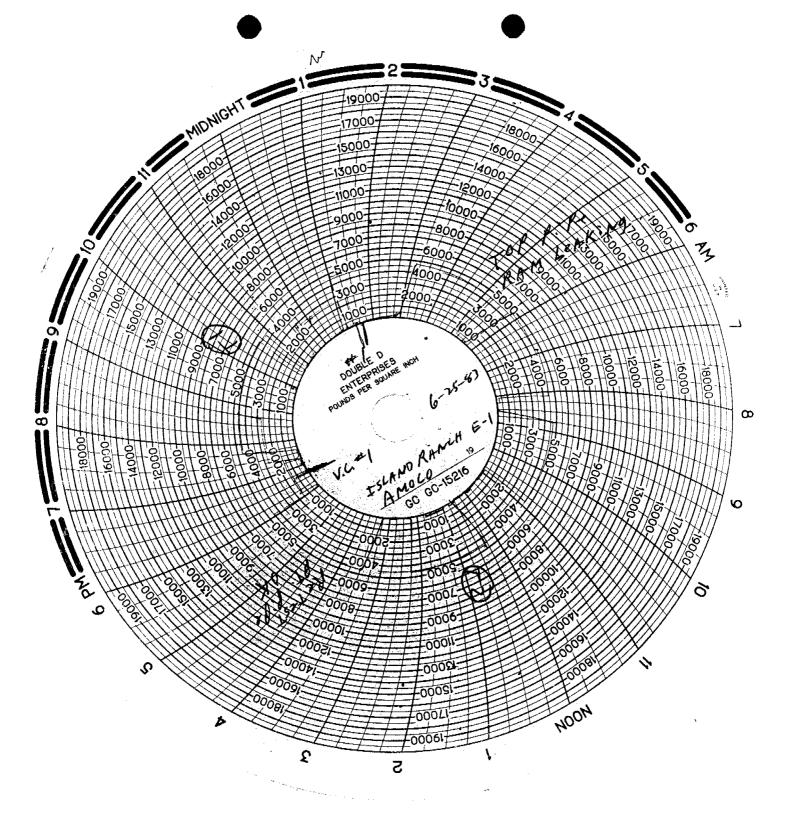


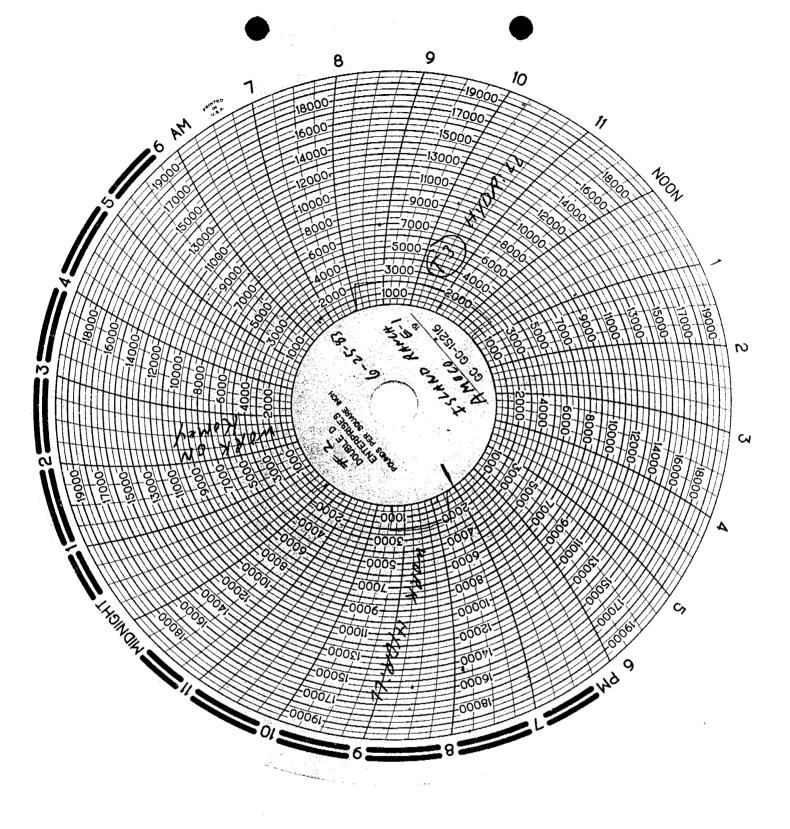


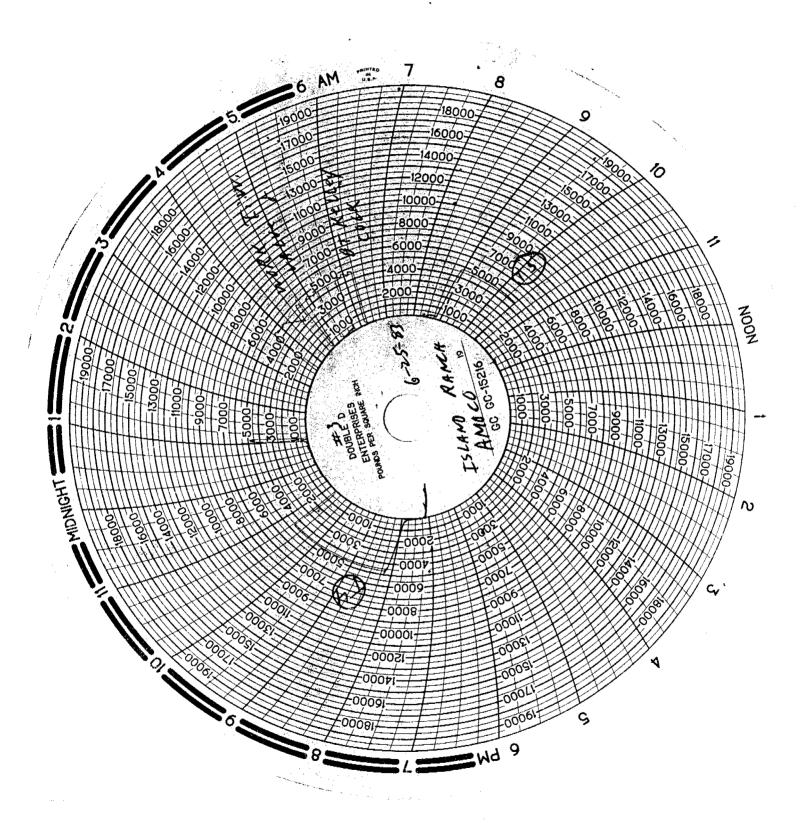
| | DOUBLE "D" ENTERPRISES B.O.P. Test Report |
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| A P. TEST PERFORMED ON CO | |
| ore son | ĈO. |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | LAND RANCH - E#1 |
| SECTION 3.4 | |
| TOWNSHIP | |
| RANGE 7.E | |
| | STATE LATA.h |
| DRILLING CONTRACTOR | 1/-c -// |
| INVOICES BILLED FROM; | DOUBLE "D" ENTERPRISES, INC. 213 Pine Street |
| | \$hoshoni, Wyoming 82649 (307) 876-2308, or (307) 876-2234, or 876-930 |
| | DOUBLE "D" ENTERPRISES, INC. 712 Morse Lee Street |
| HONE, NUMBERS: | Evanston, Wyoming 82930 (307) 789-9213, or (307) 789-9214 |
| de eo. side representative. | TRACY |
| हा । १९०६ २७ ऽम्ह स: | |
| FREE DOS OF EVANSTO | S.W. |
| FINIER PRIOR TO TEST: 🚉 | |
| HIS TEST REPORTS | ENT COPTES TO: |
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| PIGINAL CHART & TEST REPORT | ON FILE AT: F.VANS. TON OFFICE |
| | Mike Rhykus (307) 789-7298 Shane McKeown (307) 789-4790 |
| | (TESTERS) Evanston, Wyoming 82930 |
| | |

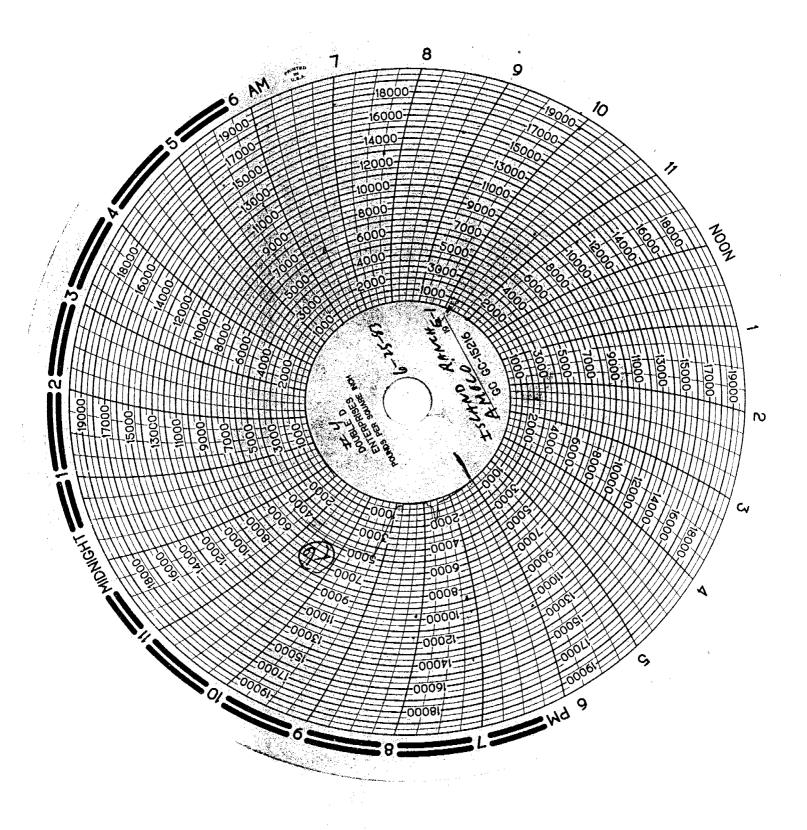
DIV. OF OIL, GAS & MINUS

| C | om Pany | Please & Well Name# | OutcofTest | Kig |
|---|--|---|---|--|
| | <u> </u> | PAge 1 | | |
| AM | OCO V Time | ISLAND RANCH - E=1 | 6-25-83 | V.C. #11 |
| 726 A. # | Time | | | 7.77-6-7 |
| | | ARRIVED ON LIOCATION | N @ 3.00 A | M 6-24 33: |
| | | l Signification of the second | A CLLNAMA OUS | // |
| | | SO Rigger UP + TESTED | CHOKE MANAE | va vP |
| | | HAD TO WAIT ON K. 9 SO REGARD OF + TESTED WAITING AT 4:00 ST FLOOR PLATES AND HAMP | INA TONAS. | @ 5.00 |
| | | Picken UP FSET TEST F | | |
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| | 7.27 | ALL DEACTION MANUAL L | ALVES ON CHE | Ke MANAFOLD |
| (T)_ | 3.16-3.32 | | | |
| 73 | 5.23-5.38 | LATER RAME - 1754 | Z-4 / C// | |
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| · · · · · · · · · · · · · · · · · · · | | + DOOR GASKET ON BLIN | IDS LEAKED + | HAD TO |
| | The state of the s | OPEN + CLEAN OFT. | | |
| <u></u> | 1.12-9.14 | 7 5/10 | HAD A SM | 4LL LEAK |
| 7.3) | 7.03-7.10 | O 35 POUNDS IN 15 MIN | - STILL I | TAD A |
| | | 0 35 POUNDS IN 15 MIN LOT OF KOMEY TROUBLE | P: CREW HAD | to WORK ON IT |
| . <u></u> | | KOMEY PUMP TO WORK. | 1.9 CHOK | & MANAFULD |
| TY | 12.11- 12.26 | BLIND RAMS + OUT SID PICKED UP KELLEY & | Tin, VALV | <u> </u> |
| <u> </u> | | P. CKED OF TO | - 1/4/Live | LEAKED |
| | | THE SEAL ON THE | N THE BT. | Kelley |
| | | | | |
| | | TOP TOP TOP | | |
| | 12.45-1:00 | TOP Kelley cock | | TOP Pipe |
| (B) | NoTe > | Rig WAS gaing | A AM | u - Rig |
| <u> </u> | | \\ \f\ \f\ \f\ \f\ \f\ \f\ \f\ \f\ \f\ | DR'L | COLLAKI |
| | | WAS going to CAY | TO PULL PLU | 9 THAT |
| | | WHILE WAITING MADICED | THE TEST P | Lig WAS |
| ; | | WAS WHEN | | |
| | 1 | 1 | | |









DEPARTMENT OF NATURAL RESOURCES



| DIVISION OF OIL, G | AS, AND MINI | NG | Fee | N AND BERIAL NO. |
|--|---------------------|-------------------------------------|---|------------------|
| SUNDRY NOTICES AND I (Do not use this form for proposals to drill or to a Use "APPLICATION FOR PERMI | REPORTS OF | N WELLS k to a different reservoir. | 6. IF INDIAN, ALLOTT | BE OR TRIBE NAME |
| i. OIL C GAS X | | | 7. UNIT AGREEMENT I | IAMB |
| WELL WELL CTHER 2. NAME OF OFFRATOR | | | 8. FARM OR LEASE NA | |
| AMOCO PRODUCTION COME | ΣΜΥ | | Island Ranch | |
| 8. ADDRESS OF OPERATOR | ZHIL | | 9. WELL NO. | |
| P. O. Box 829, Evanst | on. Womin | g 82930 | # | 1 |
| LOCATION OF WELL (Report location clearly and in accor See also space 17 below.) | | | 10. PIELD AND POOL, | |
| At surface | | | Anschutz Ra | nch |
| 990' FSL & 447' FEL | | | 11. SEC., T., R., M., OR SURVEY OR ARE | BLE. AND A |
| 16. PERMIT NO. 15. BLEVATIONS (| et | | Sec. 36, T4 | |
| | Show whether DF, RT | r, GR, etc.) | 12. COUNTY OR PARIS | |
| 43-043-30157 | 8099' GR | | Summit | Utah |
| Check Appropriate Box 7 | To Indicate Nat | ure of Notice, Report, or | Other Data | |
| NOTICE OF INTENTION TO: | 1 | SUBSE | QUENT REPORT OF: | |
| TEST WATER SHUT-OFF PULL OR ALTER CASE | ING O | WATER SHUT-OFF | REPAIRING | WELL |
| PRACTURE TREAT MULTIPLE COMPLETE | E | FRACTURE TREATMENT | ALTERING (| CASING |
| SHOOT OR ACIDIZE ABANDON* | | SHOOTING OR ACIDIZING | ABANDONMI | |
| REPAIR WELL CHANGE PLANS | | (Other) Report of | | X |
| (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly st | | Completion or Recom | s of multiple completion pletion Report and Log fo | rm.) |
| June 16, 1983 Current TD - 6000' in Bear | River Form | mation with 12.25" | Bit. | |
| | | | · | |
| | | | 夏〇匡[] V [JUL 7 1983 . Of Oil, GAS & Mi | |
| | | <u>utv</u> | . OF VIL, UNO & IIII | |
| 18. I hereby certify that the foregoing is true and correct | | ······· | 61 | <u> </u> |
| SIGNED Jeny & Smith | TITLE Stat | ff Admin. Analyst | (SG) DATE | 9/33_ |
| (This space for Federal or State office use) | | | | |
| APPROVED BYCONDITIONS OF APPROVAL, IF ANY: | TITLE | | DATE | |

| | DOUBLE "D" ENTERPRISES |
|--------------------|--|
| | B.O.P. Test Report |
| B.O.P TEST PER | OKNEDION: 7/25/83 |
| Ozl Co: | ANOCO |
| WELL NAME W-Num | E Island Rough E-1 |
| | SECTION 36 |
| | TOUNCHIP; 4N |
| | RANGE: 7 7E |
| COUNTY: | STATE: OTAH |
| DRILLING CONTRAC | TOR: Vierson Gochaw (11) |
| TESTED BY: | DOUBLE "D" ENTERPRISES. INC. |
| · | 7)2 Morse Lee Street "SEvanston, Wyoming 82930 |
| PHONE NUMBERS: | (307) 789-9213, OR (307) 789-9214 |
| | EVANSTON SHOP ADDRESS: |
| | SUNSET INDUSTRIAL PARK MEVANSTON, WYOMING 82930 |
| INVOICES BILLED | |
| THE CASE OF STREET | DOUBLE "D" ENTERPRISES, INC. |
| | - %F 0 |
| | Shoshoni, Wyoming 82649 Fo: L J) |
| DIL CO. SITE REPR | ESENTATIVE: TRITZ. PETERSON |
| rig tool pusher: | |
| tested out of | EVANGTON OFFICE: |
| NOTIFIED | U.S.G.S. (STATE) |
| | 0:1 |
| copies of this te | ST REPORT SENT COPIES TO: OIL COMPANY SITE REP. |
| | |
| | |
| ACTOTAL CHAPT | MEST REPORT ON FILE AT: CENSON OFFICE |
| ロビアATUME COULT (| Phone Number 1307, 785 |
| | Mike Rykhus Phone Humber (307) 789-516: Evanston, Wyoming 82930 |
| | Exalism oil A and a second |



P.O. Box 560 Shoshoni, Wyoming 82649 307-876-2308

NO. $N^{ top}=1339$

ORDERED BY. Rental begins when tools leave our warehouse and continues until returned thereto. Rental day starts at midnight and part day shall be charged as full day. TRANSPORTATION - TO AND FROM JOBSITE ______ Der Mik. ___ MILES DOUBLE D Portable BLOWOUT PREVENTER PRESSURE TESTING SERVICE: First eight hour test period . . . Additional eight hours or fraction. Tack, hrs. @ 50 per hi Items Tested: Choke Manifold Hydril B O P to DO# Choke Line rams to TEST SUBS We Appreciate Your Business TERMS NET CASH - NO DISCOUNT, (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other

TERMS NET CASH — NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in as good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

TERMS: Net Cash — No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

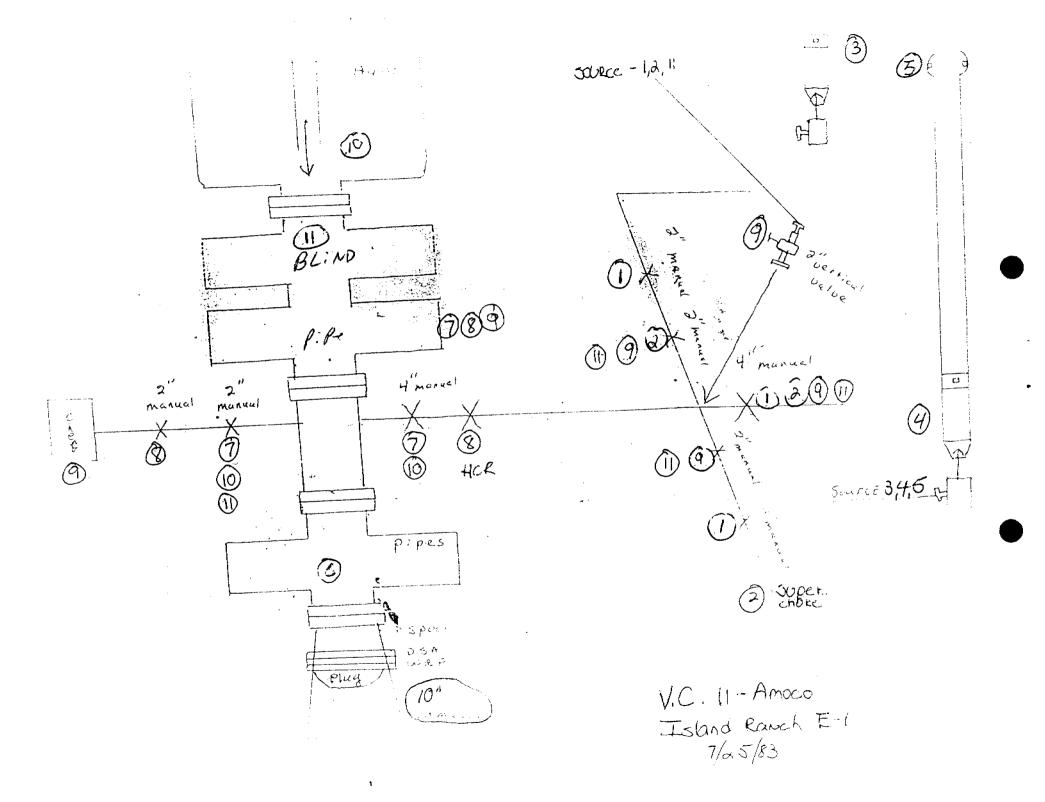
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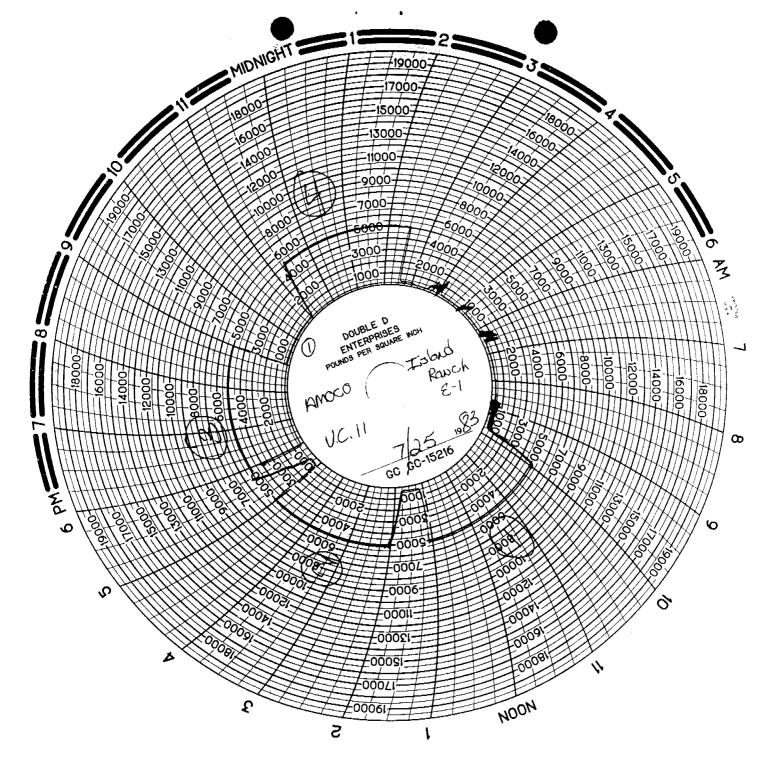
OWNER OR OWNER'S REPRESENTATIVE

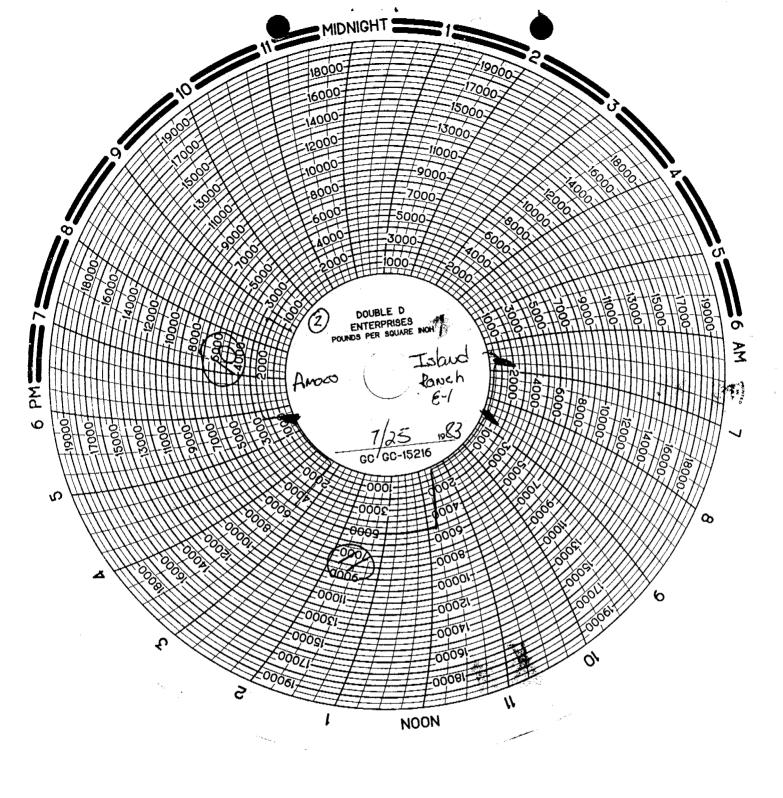
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TATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

| Form OGC-1b | TATE OF UTAH | (Othe enstre | | 2 |
|---|---|---|---|------------------|
| | RTMENT OF NATURAL RESC ISION OF OIL, GAS, AND M | DURCES | 5. LEASE DESIGNATION | AND SERIAL NO. |
| SUNDRY NO (Do not use this form for pr Use "APPI | OTICES AND REPORTS oposals to drill or to deepen or plug LICATION FOR PERMIT—" for such | ON WELLS back to a different reservoir. proposals.) | 6. IF INDIAN, ALLOTTI | SE OR TRIBE NAME |
| OIL GAS X OTHE | 8 | | 7. UNIT AGREEMENT N | AMB |
| NAME OF OPERATOR | | | 8. FARM OR LEASE NA | ME |
| Amoco Production C | ompany | | Island Ranc | hing "E" |
| | F | | 9. WELL NO. | |
| P.O. Box 829 LOCATION OF WELL (Report location | Evanston, WY 82930 pn clearly and in accordance with any | State requirements | #1 10. FIBLD AND POOL, | DE WIT BOAR |
| See also space 17 below.) | crossing and in accordance with any | State requirements, | Anschutz | |
| | | | 11. anc., T., R., M., OB | |
| 890' FSL & 447' FE | 1 | | SUBVEY OR ARE. | A |
| 050 ,02 0 1 ,2 | _ | | Sec. 36, T4N | . R7E |
| 4. PERMIT NO. | 15. BLEVATIONS (Show whether D | F, RT, GR, etc.) | 12. COUNTY OR PARIS | H 18. STATE |
| 43-043-30157 | 8099' GR | | Summit | Utah |
| Check | Appropriate Box To Indicate 1 | Nature of Notice, Report, or (| Other Data | |
| NOTICE OF IN | TENTION TO: | aunanq | UENT REPORT OF: | |
| TEST WATER SHUT-OFF | PULL OR ALTER CASING | | REPAIRING | |
| FRACTURE TREAT | MULTIPLE COMPLETE | WATER SHUT-OFF FRACTURE TREATMENT | ALTERING O | \Box |
| SHOOT OR ACIDIZE | ABANDON* | SHOOTING OR ACIDIZING | ABANDONME | |
| REPAIR WELL | CHANGE PLANS | (Other) Report of | | x |
| (Other) | | (Note: Report result: | s of multiple completion pletion Report and Log fo | on Well |
| DESCRIBE PROPOSED OR COMPLETED proposed work. If well is dire nent to this work.) * | OPERATIONS (Clearly state all pertiner ectionally drilled, give subsurface loca | | | |
| Date: July 15, 19 | 83 | | | |
| Current TD: 9036' | Gannet Formation | | | |
| Drilling ahead wit | h 8.5" Bit | | | |
| | | | | |
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| | | WERE PROPE | 7// / // | |
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| | | DIV OF OIL GAS & M | INING | |
| | | i cont the title them | | |

| | JUL 2 8 1983 DIV. OF OIL, BAS & MININ | B |
|---|---------------------------------------|--------------|
| 18. I hereby certify that the foregoing is true and correct SIGNED | TITLE Staff Admin. Analyst (SG) | DATE 7/25/83 |
| (This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY: | TITLE | DATE |

Form OGC-1b

DEPARTMENT OF NATURAL RESOURCES



| D | IVISION OF OIL, GAS, AND N | MINING | 5. LEASE DES! | GNATION AND BERIAL NO. |
|--|--|----------------------------------|--|------------------------------|
| | | | Fee | ALLOTTES OR TRIBE NAME |
| | NOTICES AND REPORTS proposals to drill or to deepen or plus PPLICATION FOR PERMIT—" for such | | G. IF INDIAN, | ADDOLLES OF LEGS WOLL |
| 1. OIL C 048 C | | | 7. UNIT AGREE | MBHT HAMB |
| | HER . | | 8. FARM OR L | FASE WAYE |
| s. Firs of OFRESTOR | AMOCO PRODUCTION | COMPANY | | |
| S. ADDESES OF OPERATOR | DRAWER 829 | | 9. WELL NO. | Ranching "E" |
| | EVANSTON, WY 82930 | | | <i>#</i> 1 |
| 4. LOCATION OF WELL (Report loca | ation clearly and in accordance with a | ny State requirements.* | 10. FIELD AND | POOL, OR WILDCAT |
| See also space 17 below.) At surface | | | Anshcutz | Ranch East |
| 890' FSL & | 447'FEL | | 11. BBC., T., B | , M., OR BLE, AND OR AREA |
| | | | Sec. 36, | |
| 14. PERMIT NO. | 15. BLEVATIONS (Show whether | DF, RT, GR, etc.) | 12. COUNTY O | R PARISH 18. STATE |
| 43-043-30157 | 8099'GR | | Summ1t | Utah |
| | k Appropriate Box To Indicate | | | |
| NOTICE OF | INTENTION TO: | , au | REQUENT REPORT OF | ; |
| TEST WATER SHUT-OFF | PULL OR ALTER CASING | WATER SHUT-OFF | REI | PAIRING WELL |
| FRACTURE TREAT | MULTIPLE COMPLETE | FRACTURE TREATMENT | H | TERING CASING |
| SHOOT OR ACIDIZE | ABANDON* | SHOOTING OR ACIDIZING | Of Operation | S X |
| REPAIR WELL | CHANGE PLANS | | sults of multiple con ompletion Report an | |
| (Other) | ED OPERATIONS (Clearly state all pertin | | | |
| proposed work. If well is one nent to this work.)* | directionally drilled, give aubsurface lo | cations and measured and true vo | ertical depths for an | markers and somes perti- |
| August 24, 1983 | | | | |
| Current TD: 11580' | | | | |
| Drilling Aheadin Sal | lt Formation with | 7.25" Bit. | | |
| Intermediate Casing 9 | 9-5/8" Set at 6833' | | | |
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| 18. I hereby certify that the foreg | roing is true and correct | | <u> </u> | 0 . 0 |
| SIGNED | Wan TITLEST | äff Admin. Analyst (| (SG) DATE | 8-30,83 |
| (This space for Federal or Str | ate office use) | | | |
| APPROVED BY | TITLE | | DATE _ | |
| COMPITIONS OF TELECATI | AT WAR ARAT A 1 | | | |

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

| $\alpha l_{I}/\sigma_{2}$ |
|--|
| B.O.P. TEST PERFORMED ON (DATE) |
| OIL CO.: |
| WELL NAME & NUMBER Island Ranch E-1 |
| SECTION 36 |
| TOWNSHIP 40 |
| RANGE 76 |
| COUNTY SUMMIT (CHAFT) |
| DRILLING CONTRACTOR VIERSON - Cochrau (11) |
| INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC. 213 Pine Street - Box 560 Shoshoni, Wyoming 82649 Phone: (307) 876-2308 or (307) 876-2234 |
| TESTED BY: DOUBLE "D" ENTERPRISES, INC. 712 Morse Lee Street Evanston, Wyoming 82930 Phone: (307) 789-9213 or (307) 789-9214 |
| OIL CO. SITE REPRESENTATIVE FRITZ |
| RIG TOOL PUSHER |
| TESTED OUT OF EVANSTON |
| NOTIFIED PRIOR TO TEST: U.S.G.S. (STATE) |
| COPIES OF THIS TEST REPORT SENT COPIES TO: Oil Co Site Rep |
| US.G.S. (STATE) |
| |
| <u> </u> |
| ORIGINAL CHART & TEST REPORT ON FILE AT: |

DOUBLE D" TESTING P.O. Box 560 Shoshoni, Wyoming 82649 307-876-2308

NO. $N^{\underline{o}}$

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| RENTED TO HMOCO | |
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| | DATE |
| PROERED BY TRITZ | LEASE Island RANCH WELL NO. E-/ |
| ental begins when tools leave our warehouse and continues until e charged as full day. | returned thereto. Rental day starts at midnight and part day shall |
| | 4/00 il 4/00 N/C |
| RANSPORTATION – TO AND FROM JOBSITE | MILES PRE MILE TU \$ 1C |
| OUBLE D Portable BLOWOUT PREVENTER PRESSURE TESTING First eight hour test period 5 hr. Min | NG SERVICE: 20 [∞] |
| Additional eight hours or fraction. S. add hrs., @ | 45000 |
| Items Tested: | |
| Csg. to | # Choke Manifold 5005 # |
| Dipe rams to 5000 # Hydril B O P to 2500 | i Anna - |
| 010 rams to 5000 # Choke Line 5000 | and the state of the control of the |
| Blikin rams to 5000 # | # have kell 5000 # |
| EST SUBS | ************************************** |
| THER 2-42 IF TEST SOLS 9 500 | ench 1/00° |
| 10" Comeans test play a 1500 | 150°° "/c |
| 10 Comerces Retriever 1000 | · • 100° ~/_ |
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| Occumulator Pressure good - class | vatine Sec. |
| Closed Casinghead Value at | ex Test Sol Total \$60000 |
| We Appreciate Your Business AMOCO | TOTAL\$ |
| DATE NET CASH - NO DISCOUNT IPPICES SUBJECT TO CHANGE | WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other |
| ulpment Are Rented: Lessprexercises precautions to keep its tools and of | ther equipment in good condition, but does not guarantee its condition. All essee agrees that Lessor shall not be liable for any damages for personal introduced by of other persons that may be caused by any of such tools or other equipment. |
| int, or that may be caused by its Vallure during use, and Lessee hereby agre- | es to noid narmiess and indefinity Lessor against all persons for all personal persons for all personal personal personal persons for all personal |
| as good condition as it was at the effective date of the lease, natural wear | ossession of the Lessor and promises to return such equipment to the Lessor and tear from reasonable use thereof excepted. All equipment lost or damit damaged equipment which can be repaired will be repaired and the repair |
| id for by the Lessee, Accrued rental charges cannot be applied against t | the purchase price or cost of repairs of such damaged or lost equipment. All equipment leaves Lessor's yard and continues until returned thereto. ALL This lease is made and shall be effective when the equipment is delivered |
| the carrier selected by the Lessee. TERMS: Net Cosh — No Discount. All charges are due and payable. | at the office of Lessor in Shoshoni, Wyoming on the 20th of the month |
| llowing date of invoice. Interest will be charged at the rate of 8%. Inter- | est charged after 60 days from date of invoice. |
| | OWNER OR OWNER'S REPRESENTATIVE |
| ^ | OWNER OR OWNER'S REPRESENTATIVE |
| MARTIN Rojustein | OWNER OR OWNER'S REPRESENTATIVE |

Amoco - V.C.11 9/6/83 Island Rauch E-1 8:30 Am -9:30 Am. Riq up koomey lines - test equipment - set pluc -9:30 - ATTEMPT TEST ON Blinds - 3'a pipes (ODOR) leaks, tighten door (Twice) - Blinds (Doors) leaked, tighters. - Flange between 4"manual-H.C.R. (choke line) leaked-tighten lower pipes (Doors) leaked-tighten. Tressure up again 1100-15 good test @ 5000 p.s.I. (also inside d'manual on till line) 20-35 Lower pipes (46) good. 40,55 Upper pipes (4/2) 2nd, 2" manual on kill line, H.C.R. 14:00-30 HYDRIL (4/2) @ 2500 p.S.I. AFTER 10 min. Bled off 100 p.St. pressure up again - toomey kicked up to 2250 p.o.z. good -30-50 Rig Dawn 4/2 - up 3/2 pipe, set into plag. 55-1:10 Test 3'a pipes good @ 5000 p.s.I. 1115-220 Attempt test on Hydril with 3/2 pipe - will hold 400 p.s.I @ Take all connective measures - still will not test - kelly up - 225-90 Safety value - 25000 p.s.z. 45-3:00 haven telly - a 5000 p.s. I. 3:05-40 attempt test on upper telly - work value - kicked in rig pump ... still no test 45-410 Rig down telly -up 3% pipe - Rubber has been strained again 715-35 Hydril - NO TEST - Change out Hydril. 40-600 Nipple cown-flow nipple-granthead-Hydril-stack out dean bolts up -600-10.00 wait on New HYDRIA

Amoco - V.C. 11 9/6/83

ISHAND RADON E-1

10:00 NEW HYDRIL BROUGHT in - Unload-stack out old one -STACK on new one - fit studis-nipple up - Hook up knowney lives, stemm Rubber-close Hydril 4 times around 5" pipe Riq up 3/2 pipe - set into plug

1.15 Work Hydril around 31/4 pipe - pressure bled off several 2 15 times - knowney pressure a 1500 p.s.t. increase pressure to 1900 p.s.I. - Hold at 2500 p.s.I

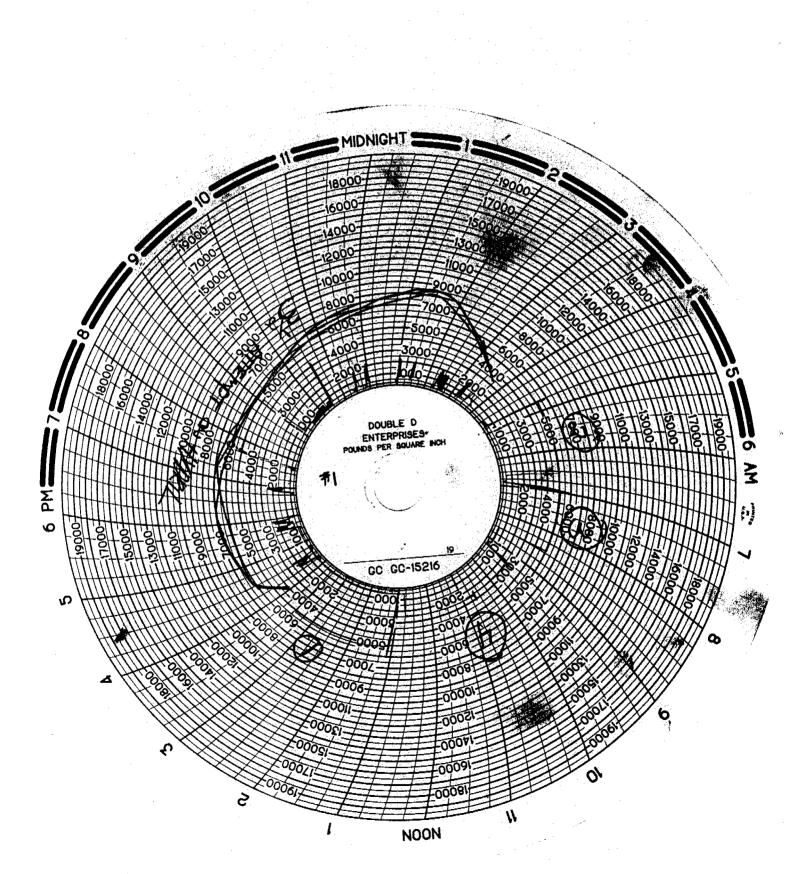
2:20-40 Rig down everything -40-50 Set wearbushing -

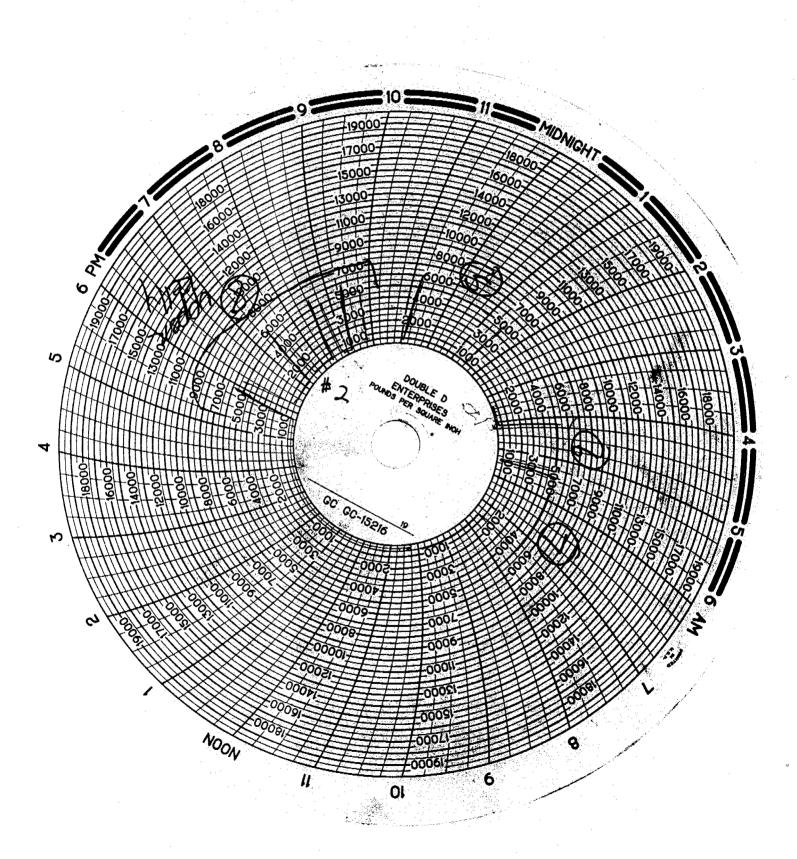
55-4:55 Spool up - travel to shop

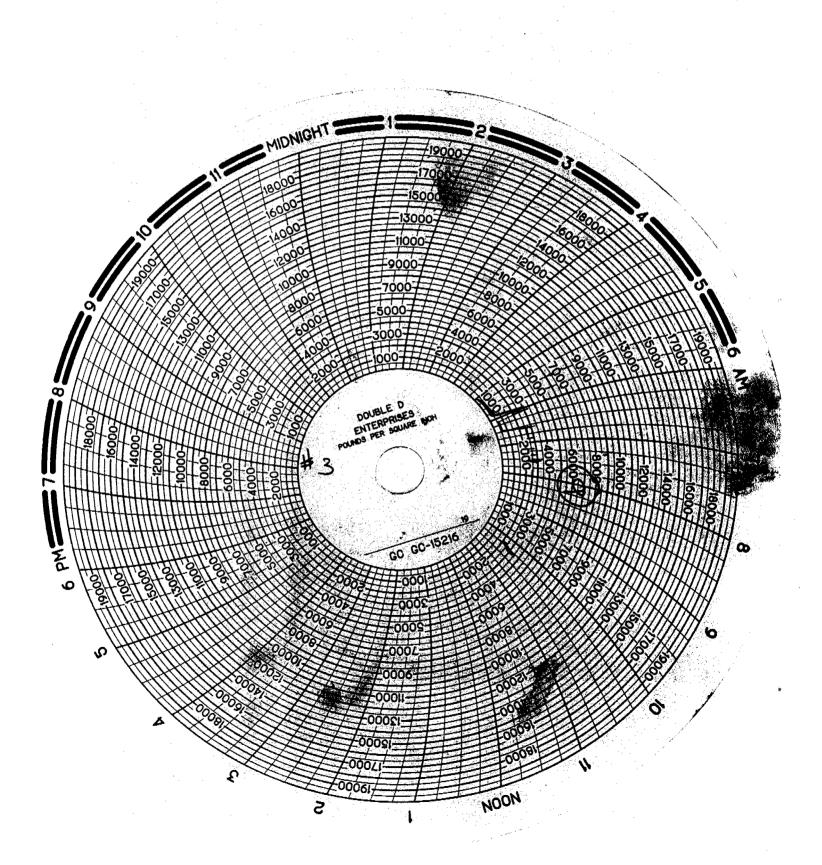
NOTE # CHOKE MANIFOLD was tested 5:30 A.M previous morning

(A) Superchote
(B) Outside manuals. Se 5000 p.s. =

Amoco - V.C. 11-Island Rauch E-1 9/6/83 all TESTS 15 mins \$000 ps. I asoo Hydril 49 Annolar 2500 0 CATETY BLIND 5000 0 髓白 Rps 3k 5000 5000 0 * 3 3 ء" **①** 1 PIPES 4% 5000 CAMERIES / 5000 psz







| DATE | Ticket | RI9 | KINO OF TEST | OIL Co. | WEIL # ARE W36-46 ISLAND RANCH - E ISLAND RANCH - E #1 ISLAND RANCH - E #1 | State Sec. T. Ran | U56.S |
|-------------|----------------|--------------------------------------|-------------------------------|--|--|-------------------|---------------------------|
| | 1194 | 1/4 () | 7657 | Amogo | ARE 0/36-16 | Winh 36-4N-7 | 700 7697 |
| 2/5 | /251 | VC 11 VC -11 VC -11 V.C. 11 | 7857 7857 7857 7867 | America | Is LANG RANKA - F | Utah 36-4N-7E | TRIOTEST R |
| 1./76 | 109/2 | VC -11 | 7557 | AMOGO | Toland Ranch - E #1 | 11tah 36-4N-7E | R |
| 7/20 | 1238 | VCII | 7007 | Amoro | Telang Rangh - F# | 14 +AH 36-4N-7E | R |
| 1/23 | | | 7291 | 7 | | | |
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING



| | DIVISION OF OIL, GAS, AND N | | 5. LEASE DESIGNATION AND SERIAL NO. FEE |
|--|--|--|--|
| (Do not use this form for Use ") | NOTICES AND REPORTS or proposals to drill or to deepen or plus APPLICATION FOR PERMIT—" for such | ON WELLS r back to a different reservoir. | 6. IF INDIAN, ALLOTTER OR TRIBE NAME |
| OIL GAS X O | THES | | 7. UNIT AGREEMENT NAME |
| . NAME OF OPERATOR | | | 8. FARM OR LEASE NAME |
| Amoco Production | Сопрапу | | Island Ranching "E" |
| P.O. Box 829. E | vanston. Wyoming 82930 | | #1 |
| . LOCATION OF WELL (Report lo See also space 17 below.) At surface | vanston. Wyoming 82930 cation clearly and in accordance with an | ny State requirements.* | 10. FIELD AND FOOL, OR WILDCAT Anschutz Ranch |
| | | e e | 11. BRC., T., B., M., OR BLK. AND SURVEY OR AREA |
| 890' FSL & 447 | ' FEL | | Sec. 36, T4N, R7E |
| 4. PERMIT NO. | 15. SLEVATIONS (Show whether | DF, RT, QR, etc.) | 12. COUNTY OR PARISH 18. STATE |
| 43-043-30157 | 8099' GR | | Summit Utah |
| I. Che | ck Appropriate Box To Indicate | Nature of Notice Report or | Other Data |
| | P INTENTION TO: | | QUENT REPORT OF: |
| TEST WATER SHUT-OFF | 1 | | REPAIRING WELL |
| FRACTURE TREAT | PULL OR ALTER CASING MULTIPLE COMPLETE | WATER SHUT-OFF FRACTURE TREATMENT | ALTERING CASING |
| SHOOT OR ACIDIZE | ABANDON* | | |
| REPAIR WELL | CHANGE PLANS | (Other Report of Or | perations |
| (Other) | | (Norg: Report resul | its of multiple completion on Well apietion Report and Log form.) |
| Sept. 15, 1983 Drilling ahead Ti | Dil2;456' in Twin Creek F | ormation with 5.875" I | Bit. |
| | | | SEP 27 1983 IV. OF OIL GAS & MINING |
| 8. I hereby certify that the fore | 1 1 5-4-1 | aff Admin. Anaylist (S | GG) DATE 9/23/83 |
| (This space for Federal or S | <u></u> | | |
| APPROVED BY | L, IF ANY: | | DATE |





DIVISION OF GIL. GAS & MINING

Casper District Office P.O. Box 183 Casper, Wyoming 82602 (307) 472-5757 November 25, 1983

Amoco Production Company P.O. Box 829 Evanston, Wyoming 82930

Re: Our Job No. EV-BO-30113 & EV-BO-30114

Island Ranching 1 A.R.E. Summit County, Utah

Survey Date: 11-19-83

Dear Sirs:

Enclosed you will find four (4) copies of our Directional Survey Report of the above referenced well.

This folder contains the film, and field data sheet. Each of the folders contains the plots and computer results.

Thank you for this opportunity to be of service. We certainly appreciate your business and look forward to working with you again.

Sincerely,

NL SPERRY-SUN, INC.

John Hienaman District Manager

JH/mu

cc: See attached distribution list.

DISTRIBUTION LIST FOR Island Ranching 1

Amoco Production Company (3) 1670 Broadway Denver, Colorado 80202 ATTN: Rick Dales

Amoco Production Company (4) P.O. Box 829 Evanston, Wyoming 82930 ATTN: Tom McKay

Champlin Petrolcum (2) P.O. Box 1257 5800 South Quebec Englewood, Colorado 80150

The Anschutz Corp. (4)
555 17th Street
2400 Anaconda Tower
Denver, Colorado 80202 (Helen Lewis)

Gulf Oil Corp. (2)
P.O. Box 2619
Casper, Wyoming 82602
ATTN: Randy Hobbet

Mesa Petroleum (1) 1660 Lincoln Denver, Colorado 80203 ATTN: David Reed

Mesa Petroleum (1)
P.O. Box 2009
Amarillo, Texas 79189-2009
ATTN: L.M. Carnes

BWAB, Inc. (1) 1000 City Center 4 1801 California St. Denver, Colorado 80202 ATTN: J. Wallace

Tom Brown, Inc. (1)
Suite 830
410 17th Street
Denver, Colorado 80112
ATTN: Alan Smith

Tom Brown, Inc, (1)
P.O. Box 2608
Midland, Texas 79701
ATTN: R.J. DePaul

State of Utah (1)
Division of Oil, Gas and Mining
4241 State Office Bulding
Salt Lake City, Utah 84114

Amoco Production Company (1)
Research Laboratories
P.O. Box 591
Tulsa, Oklahoma 74102
ATTN: Ron Nelson 2J39

Mobil Oil Corp. (2)
P.O. Box 544
1225 17th Street
Denver, Colorado 80217
ATTN: Madelyn Schumacher

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

DEPARTMENT OF NATURAL RESOURCES



| | | ON OF OIL, GAS, AND N | | 5. LHARB DESIGNATION AND SERIAL NO. |
|---------------------------------------|--|--|------------------------------|--|
| CI IN IP | Fee 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | | |
| | | ICES AND REPORTS sals to drill or to deepen or plugation for PERMIT-" for such | | |
| OIL GAS GAS | OTHER | | | 7. UNIT AGREEMENT NAME |
| NAME OF OPERATOR | | | | S. FARM OR LEASE NAME |
| Amoco Pro | duction (| Company | | Island Ranching E |
| ADDRESS OF OPERATOR | 000 7 | | | 9. WELL NO. |
| | • | nston, WY 82930 | | |
| See also space 17 below At surface | r.) | learly and in accordance with as | ly State requirements. | 10. FIELD AND POOL, OR WILDCAT |
| | | | | Anschutz Ranch |
| 890' FSL | & 44 7' F | EL | | Sec. 36, T4N, R7E |
| | | , | | Bec. 50, 148, R/B |
| 43-043-30 | 157 | 15. BLEVATIONS (Show whether 8099 GR | DF, RT, GR, etc.) | 12. COUNTY OR PARISE 13. STATE Summit Utah |
| | Check Ap | propriate Box To Indicate | Nature of Notice, Report, or | Other Data |
| NO | TICE OF INTEN | | | QUANT ERPORT OF: |
| TEST WATER SHUT-OFF | <u> </u> | PULL OR ALTER CASING | WATER SHUT-OFF | REPAIRING WELL |
| FRACTURE TREAT | | MULTIPLE COMPLETE | FRACTURE TREATMENT | ALTERING CASING |
| SHOOT OR ACIDIZE | | ABANDON* | SHOOTING OR ACIDIZING | ABANDONMENT* |
| REPAIR WELL | | HANGE PLANS | (Other) Report of | Operation X ts of multiple completion on Well pletion Report and Log form.) |
| Date: | 11-13-83 | | INE@ | BOVEN |
| Spud: | 01-27-8 | 2 | | - 1983 |
| Total Dep | th 14775 | Ft | | |
| Contracto | r: Cann | on #9 | DIV. OF | IIL, GAS & MINING |
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| bereby certify that the | e foregoing is | J // 1947 | | 11/29/82 |
| SIGNED Z LL | My A | TITLE St | aff Admin Anaylist (S | G) DATE |
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| | | | | |

DATE_

TITLE

AMOCO PRODUCTION COMPANY ISLAND RANCHING 1 A.R.E.

EV-LB-30113/EV-B0-30114 11-19-83

| TOTAL DEPTH | DIRECTION DEG MIN | ANGLE DEG MIN | VERTICAL DEPTH | LATITUDE FEET | DEPARTURE FEET | VERTICAL SECTION | DOG LEG |
|--------------------------------------|--|--|---|---|--|----------------------------------|--------------------------------------|
| 0 100 200 300 400 | N O O E N 1 30 W N 51 24 W N 30 24 W N 5 18 E | 0 0 0 18 0 26 0 25 0 22 | 0.00 100.00 200.00 299.99 399.99 | 0.00 N 0.26 N 0.76 N 1.30 N 1.93 N | 0.00 E 0.02 W 0.32 W 0.79 W 0.94 W | 0.18 (0.32 (0.36 (| 0.00 0.30 0.33 0.15 |
| 500 600 700 800 900 | N 34 30 W N 29 12 W N 10 54 W N 5 48 W N 34 30 W | 0 32 0 32 0 32 0 56 0 43 | 499.99 599.98 699.98 799.97 899.96 | 2.63 N 3.42 N 4.28 N 5.56 N 6.90 N | 1.17 W 1.66 W 1.98 W 2.15 W 2.59 W | 1.24 (1.63 (2.41 (| 0.34 0.05 0.17 0.40 0.46 |
| 1000 1100 1200 1300 1400 | N 13 54 W N 6 54 W N 28 42 W N 23 0 W N 23 36 W | 0 45 0 32 0 35 0 37 0 30 | 999.95 1099.95 1199.94 1299.94 1399.93 | 8.05 N 9.14 N 10.05 N 10.99 N 11.89 N | 3.10 W 3.31 W 3.61 W 4.07 W 4.45 W | 4.12 (4.54 (4.89 (| 0.26 0.23 0.22 0.07 0.12 |
| 1500 1600 1700 1800 1900 | N 25 42 W N 31 54 W N 24 18 W N 32 36 W N 22 6 W | 0 29 0 34 0 31 0 25 0 21 | 1499.93 1599.92 1699.92 1799.92 1899.91 | 12.66 N 13.46 N 14.28 N 14.98 N 15.57 N | 4.81 W 5.25 W 5.69 W 6.07 W 6.37 W | 5.79 (6.06 (6.29 (| 0.03 0.10 0.09 0.12 0.09 |
| 2000 2100 2200 2300 2400 | N 6 18 E N 41 30 E N 24 24 E N 53 54 E N 46 48 E | 0 23 0 23 0 22 0 37 0 20 | 1999.91 2099.91 2199.91 2299.90 2399.90 | 16.19 N 16.78 N 17.33 N 17.95 N 18.47 N | 6.45 W 6.19 W 5.83 W 5.26 W 4.61 W | 7.47 0 8.11 0 8.95 0 | 0.19 0.24 0.11 0.35 0.29 |
| 2500 2600 2700 2800 2900 | N 67 48 E N 35 O E N 32 36 W N 65 24 W N 66 O W | 0 37 0 12 1 19 4 7 5 49 | 2499.89 2599.89 2699.88 2799.76 2899.38 | 18.87 N 19.22 N 20.33 N 22.78 N 26.33 N | 3.89 W 3.29 W 3.80 W 7.68 W 15.56 W | 11.25 0 11.66 1 10.65 3 | 0.33 0.46 1.25 3.09 1.70 |
| 3000 3100 3200 3300 3400 | N 69 30 W N 69 48 W N 72 0 W N 72 0 W N 71 42 W | 6 42 9 20 10 6 10 24 10 47 | 2998.79 3097.80 3196.37 3294.77 3393.07 | 30.44 N 35.28 N 40.79 N 46.29 N 52.01 N | 25.65 W 38.72 W 54.67 W 71.59 W 89.06 W | -2.51 2 -9.92 0 -18.02 0 | 0.97 2.63 0.85 0.30 |
| 3500 3600 3700 3800 3900 | N 68 36 W N 67 42 W N 66 12 W N 66 6 W N 65 30 W | 11 49 13 9 14 44 16 27 16 47 | 3491.13 3588.76 3685.81 3782.12 3877.95 | 58.69 N 66.74 N 76.19 N 87.07 N 98.79 N | 107.49 W 127.55 W 149.71 W 174.30 W 200.38 W | -43.21 i -52.24 i -61.98 i | 1.20 1.34 1.63 1.71 |

AMOCO PRODUCTION COMPANY ISLAND RANCHING 1 A.R.E.

EV-LB-30113/EV-B0-30114 11-19-83

| TOTAL | DIRECTION ANGLE | VERTICAL | LATITUDE | DEPARTURE | VERTICAL | DOG |
|--------------|---------------------------------|----------------------|----------------------|--|---------------------------|--------------|
| DEPTH | DEG MIN DEG MIN | DEPTH | FEET | FEET | SECTION | LEG |
| 4000 | N 65 24 W 17 13 | 3973.58 | 110,94 N | 226.98 W | -82.43 | 0.44 |
| 4100 | N 64 36 W 17 20 | 4069.06 | 123.49 N | 253.90 W | -92.64 | 0.27 |
| 4200 | N 65 30 W 18 0 | 4164.34 | 136.29 N | 281.42 W | -103.09 | 0.71 |
| 4300 | N 64 54 W 18 36 | 4259.29 | 149.46 N | 309.92 W | -113.98 | 0.63 |
| 4400 | N 65 36 W 19 54 | 4353.69 | 163.26 N | 339.86 W | -125.45 | 1.32 |
| | | | | | | |
| 4500 | N 63 30 W 19 53 | 4447.72 | 177.88 N | 370.58 W | -136.89 | 0.71 |
| 4600 | N 63 6 W 19 37 | 4541.84 | 193.06 N | 400.77 W | -147.55 | 0.31 |
| 4700 | N 61 30 W 18 38 | 4636.32 | 208.28 N | 429.78 W | -157.35 | 1.10 |
| 4800 | N 61 30 W 18 22 | 4731.15 | 223.42 N | 457.67 W | -166.41 | 0.28 |
| 4900 | N 59 42 W 17 31 | 4826.29 | 238.53 N | 484.50 W | -174.75 | 1.01 |
| 5000 | N 58 12 W 17 6 | 4921.75 | 253.87 N | 510.00 W | -181.98 | 0.61 |
| 5100 | N 58 36 W 16 28 | 5017.49 | 269.00 N | 534.59 W | -188.71 | 0.64 |
| 5200 | N 55 48 W 15 27 | 5113.64 | 283.88 N | 557.71 W | -194.59 | 1.28 |
| 5300 | N 54 48 W 14 51 | 5210.16 | 298.75 N | 579.20 W | -199.31 | 0.65 |
| 5400 | N 53 O W 13 25 | 5307.13 | 313.12 N | 598.94 W | -203.14 | 1.50 |
| | | | | | | |
| 5500 | N 50 48 W 12 10 | 5404.64 | 326.77 N | 616.37 W | -205.86 | 1.34 |
| 5600 | N 46 30 W 10 33 | 5502.68 | 339.73 N | 631.18 W | -207.20 | 1.83 |
| 5700 | N 43 6 W 9 26 | 5601.16 | 352.02 N | 643.43 W | -207.19 | 1.26 |
| 5800 | N 43 OW 8 11 | 5699.98 | 363.22 N | 653.89 W | -206.70 | 1.25 |
| 5900 | N 35 54 W 6 44 | 5799. 13 | 373.17 N | 662.18 W | -205.54 | 1.72 |
| | | E000 E1 | 000 OF N | | 000 00 | |
| 6000 6100 | N 24 48 W 5 28 N 29 24 W 5 4 | 5898.56 5998.14 | 382.25 N 390.42 N | 667.62 W | -202.98 -200.17 | 1.72 0.58 |
| 6200 | N 23 30 W 4 44 | 6097.77 | 398.06 N | 675.60 W | -197.48 | 0.60 |
| 6300 | N 23 42 W 4 37 | 6197.43 | 405.54 N | 678.87 W | | 0.12 |
| 6400 | N 21 O W 4 29 | 6297.12 | 412.87 N | 681.89 W | -191.47 | 0.26 |
| | | | | | * / - . · / | |
| 6500 | N 20 O W 4 8 | 6396.83 | 419.91 N | 684.52 W | -188.37 | 0.35 |
| 6600 | N 18 18 W 3 50 | 6496.59 | 426.48 N | 686.81 W | -185.35 | 0.32 |
| 6700 | N 17 48 W 3 7 | 6596.40 | 432.25 N | 688.69 W | -182.61 | 0.72 |
| 6800 | | 6696.29 | 436.79 N | and the second s | -180.14 | 1.04 |
| 6900 | N 11 O E 1 46 | 67 9 6.22 | 440.24 N | 689.62 W | -177. 63 | 0.75 |
| 7000 | N 18 54 E 1 40 | 6896.18 | 443.13 N | 688.86 W | -175.05 | 0.25 |
| 7100 | N 30 12 E 1 39 | 6996.13 | 445.75 N | 687.66 W | -172.35 | 0.33 |
| 7200 | N 34 42 E 1 46 | 7096.09 | 448.26 N | 686.06 W | -169.44 | 0.18 |
| 7300 | N 48 24 E 1 47 | 7196.04 | 450.56 N | 684.02 W | -166.37 | 0.42 |
| 7400 | N 54 O E 1 55 | 7295.98 | 452.58 N | 681.50 W | -163.17 | 0.23 |
| | | | | <u></u> | | |
| 7500 | N 61 O E 1 55 | 7395.92 | 454.38 N | 678.68 W | -159.90 | 0.23 |
| 7600 | N 64 12 E 1 57 | 7495.86 | 455.93 N | 675.68 W | -156.68 | 0.11 |
| 7700 | N 69 6 E 2 2 | 7595.80 | 457.30 N | 672.50 W | -153.46 | 0.19 |
| 7800 | N 75 6 E 1 56 | 7695.74 | 458.37 N | 669.21 W | -150.38 | 0.23 |
| 7900 | N 83 6 E 2 14 | 7795.67 | 459.03 N | 665.66 W | -147.39 | 0.42 |

AMOCO PRODUCTION COMPANY ISLAND RANCHING 1 A.R.E.

EV-LB-30113/EV-B0-30114 11-19-83

| TOTAL | DIRECTION ANGLE | VERTICAL | LATITUDE | DEPARTURE | VERTICAL | DOG |
|---------------|--|----------|-----------|-----------|------------|------|
| DEPTH | | | FEET | FEET | SECTION | LEG |
| DEFIN | DEG MIN DEG MIN | DELIL | FEET | FEET | SECTION | LEG |
| | | | | | | |
| 8000 | S 88 54 E 2 14 | 7895.59 | 459.23 N | 661.78 W | -144.51 | 0.31 |
| 8100 | S 80 6 E 2 31 | 7995.51 | 458.81 N | 657.68 W | -141.89 | 0.46 |
| 8200 | S 76 6 E 2 54 | 8095.39 | 457.83 N | 653.06 W | -139.32 | 0.43 |
| 8300 | S 75 18 E 3 11 | 8195.25 | 456.52 N | 647.92 W | -136.60 | 0.29 |
| 8400 | S 70 6 E 3 17 | 8295.09 | 454.83 N | 642.53 W | -133.97 | 0.31 |
| 0400 | 3 /U OE 3 I/ | 0270.07 | MONTO IN | OTE.JO W | -133.77 | VIUI |
| | | | | | | |
| 8500 | S 70 54 E 3 28 | 8394.91 | 452.87 N | 636.98 W | -131.43 | 0.18 |
| 8600 | S 68 54 E 3 20 | 8494.73 | 450.83 N | 631.41 W | -128.92 | 0.17 |
| 8700 | S 71 6 E 3 8 | 8594.57 | 448.90 N | 626.11 W | -126.53 | 0.24 |
| 8800 | S 65 54 E 2 55 | 8694.43 | 446.97 N | 621.20 W | -124.42 | 0.35 |
| 8900 | S 60 54 E 2 40 | 8794.31 | 444.80 N | 616.84 W | -122.86 | 0.35 |
| 0700 | 3 00 34 L 2 40 | 0//4:01 | THE COLD | 010107 # | | 0100 |
| | | | | | 4.5.4 .5.5 | |
| 9000 | S 67 O E 2 40 | 8894.20 | 442.76 N | 612.67 W | -121.35 | 0.28 |
| 9100 | S 58 54 E 2 34 | 8994.10 | 440.70 N | 608.62 W | -119.93 | 0.38 |
| 9200 | S 60 36 E 3 17 | 9093.97 | 438.14 N | 604.21 W | -118.62 | 0.73 |
| 9300 | S 56 24 E 3 50 | 9193.77 | 434.89 N | 598.93 W | -117.18 | 0.62 |
| 9400 | S 56 O E 4 14 | 9293.52 | 430.97 N | 593.08 W | -115.80 | 0.40 |
| | 0 00 0 2 . 14 | 3270102 | 10017711 | 0,0100 11 | | |
| يعربهن ستويسي | | | 407 00 N | 807 (0 U | 444 40 | A 8A |
| 9500 | S 59 24 E 4 33 | 9393.22 | 426.88 N | 586.60 W | -114.10 | 0.40 |
| 9600 | S 58 48 E 4 54 | 9492.88 | 422.65 N | 579.53 W | -112.08 | 0.35 |
| 9700 | S 59 24 E 5 4 | 9592.50 | 418.19 N | 572.08 W | -109.95 | 0.17 |
| 9800 | S 61 54 E 5 21 | 9692.09 | 413.75 N | 564.18 W | -107.48 | Q.37 |
| 9900 | S 66 24 E 5 52 | 9791.61 | 409,51 N | 555.38 W | -104.25 | 0.67 |
| | The Tree was a more than the tree than the tree tree than the tree tree tree tree tree tree tree | | 147144 11 | | | |
| 10000 | S 64 18 E 6 3 | anat At | 40E 10 N | 545.96 W | .100 42 | 0.29 |
| 10000 | | 9891.06 | 405.18 N | | -100.63 | |
| 10100 | S 63 12 E 6 55 | 9990.42 | 400.18 N | 535.84 W | -96.99 | 0.87 |
| 10200 | S 67 18 E 8 26 | 10089.52 | 394.64 N | 523.71 W | -92.31 | 1.61 |
| 10300 | S 69 6 E 9 26 | 10188.32 | 388.89 N | 509.29 W | -86.16 | 1.04 |
| 10400 | S 68 54 E 9 41 | 10286.92 | 382.94 N | 493.79 W | -79.39 | 0.25 |
| | | | | | | |
| 10500 | S 68 54 E 8 41 | 10385.63 | 377.19 N | 478.90 W | -72.90 | 0.99 |
| 10600 | S 70 30 E 8 36 | 10484.50 | 371.98 N | 464.81 W | -66.59 | 0.26 |
| | | | | | | |
| 10700 | S 66 12 E 5 52 | 10583.69 | 367.42 N | 453.08 W | -61.51 | 2.78 |
| 10800 | S 63 42 E 4 52 | 10683.25 | 363.47 N | 444.59 W | -58.28 | 1.03 |
| 10900 | 8 59 30 E 4 5 | 10782.94 | 359.79 N | 437.72 W | -56.02 | 0.85 |
| | | | | | | • |
| 11000 | S 61 O E 4 44 | 10882.64 | 355.98 N | 431.04 W | -53.98 | 0.67 |
| 11100 | | 10982.26 | 351.75 N | 423.47 W | -51.60 | 0.47 |
| 11200 | S 59 O E 5 28 | 11081.83 | 347.06 N | 415.43 W | -49.21 | 0.30 |
| | | | | | | |
| | S 59 24 E 5 38 | 11181.36 | 342.11 N | 407.12 W | -46.82 | 0.17 |
| 11400 | S 62 24 E 5 53 | 11280.85 | 337.23 N | 398.34 W | -44.05 | 0.39 |
| | | | | | | |
| 11500 | S 61 36 E 6 12 | 11380.29 | 332.28 N | 389.04 W | -40.96 | 0.32 |
| 11600 | S 61 48 E 5 55 | 11479.73 | 327.28 N | 379.76 W | -37.91 | 0.29 |
| 11700 | S 69 O E 8 5 | 11578.99 | 322.33 N | 368.65 W | -33.54 | 2.34 |
| 11800 | S 68 O E 9 O | 11677.87 | 316.88 N | 354.84 W | -27.61 | 0.93 |
| | | | | | | |
| 11900 | 5 68 O.E. 11 O. | 11776.34 | 310.37 N | 338.74 W | -20.80 | 2.00 |

AMOCO PRODUCTION COMPANY ISLAND RANCHING 1 A.R.E.

EV-LB-30113/EV-B0-30114 11-19-83

| TOTAL DEPTH | DIRECT DEG M | | ANGLE DEG MIN | VERTICAL DEPTH | LATITUDE FEET | DEPARTURE FEET | VERTICAL SECTION | DOG LEG |
|---|----------------------------|-------------------|---|--|--|--|--|--------------------------------------|
| 12000 12100 12200 12300 12400 | S 68 6 S 69 6 S 70 6 | 0 E 0 E 0 E | 11 0 11 20 11 5 11 0 10 15 | 11874.50 11972.61 12070.69 12168.84 12267.13 | 303.23 N 295.97 N 288.84 N 282.14 N 275.54 N | 321.05 W 303.09 W 285.01 W 267.07 W 249.85 W | -13.31 -5.72 2.06 10.03 17.57 | 0.00 0.33 0.32 0.21 0.84 |
| 12500 12600 12700 12800 12900 | S 72 (S 74 (S 71 (| 0 E 0 E 0 E | 9 35 9 35 10 10 10 25 10 5 | 12365.63 12464.24 12562.75 12661.14 12759.54 | 269.50 N 264.21 N 259.21 N 253.83 N 248.48 N | 233.73 W 217.95 W 201.55 W 184.51 W 167.55 W | 24.72 32.17 40.25 48.52 56.75 | 0.84 0.17 0.68 0.59 0.63 |
| 13000 13100 13200 13300 13400 | S 77 (S 85 (S 87 (| 0 E 0 E 0 E | 9 0 8 40 8 55 9 35 9 45 | 12858.15 12956.97 13055.79 13154.49 13253.07 | 244.30 N 240.85 N 238.48 N 237.37 N 235.32 N | 151.52 W 136.55 W 121.49 W 105.46 W 88.83 W | 65.16 73.32 82.32 92.89 103.22 | 1.19 0.33 1.25 0.74 1.35 |
| 13500 13600 13700 13800 13900 | S 77 (S 77 (S 79 (| 0 E 0 E 0 E | 10 45 11 55 11 15 11 10 10 35 | 13351.47 13449.52 13547.48 13645.57 | 231.60 N 227.18 N 222.67 N 218.62 N 214.24 N | 71.43 W 52.28 W 32.72 W 13.71 W 4.63 E | 112.92 123.36 134.03 144.64 154.53 | 1.06 1.17 0.67 0.40 1.11 |
| 14000 14100 14200 14300 14400 | S 72 6 S 68 6 S 63 6 | 0 E 0 E 0 E | 10 35 9 45 8 58 9 30 15 15 | 13842.08 13940.50 14039.17 14137.87 14235.52 | 209.03 N 203.73 N 198.19 N 191.53 N 178.96 N | 22.24 E 39.08 E 54.36 E 68.94 E 86.08 E | 163.32 171.50 178.41 184.03 187.31 | 0.18 0.85 1.02 0.96 6.54 |
| 14500 14600 | | 0 E | 21 5 20 10 | 14330.51 14424.11 | 156.57 N 128.70 N | 107.68 E 129.12 E | 186.79 182.30 | 6.22 2.63 |

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET. THE VERTICAL SECTION WAS COMPUTED ALONG N 45 6 E A DECLINATION OF 6 0 WEST HAS BEEN APPLIED.

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE DISPLACEMENT IS 182.30 FEET, IN THE DIRECTION OF N 45 6 E BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD. VERTICAL SECTION IS RELATIVE TO WELLHEAD.

NL SPERRY-SUM

INCORPORATED

HOBIZONTAL PROJECTION NO WELLS HAVE BEEN EXTRAPOLATED

AMOCO PRODUCTION COMPANY JOB. NC. EV-B0-30113/EV-LB-30114

ST9RT MD. = 0

SCALE IS 160 FEET/INCH COURSE LENGTH = 100

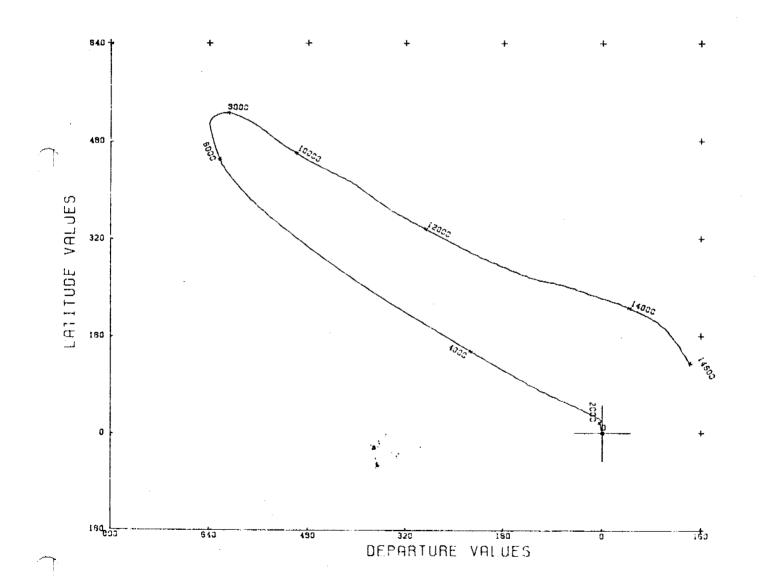
FINISH MD. = 14600 ·

AXIS IS TRUE NORTH

DATE. 11-19-83

REF. IS. ISLAND RANCHING 1 A.R.E.

PLOTTED VALUES SHOWN ARE MEASURED DEPTHS



PROJECTION

NO WELLS HAVE REF. IS. ISLAND

AMOCO PRODUCTION COMPANY

NO. EV-LB-30113/EV-BC-30114

START MD. = 0

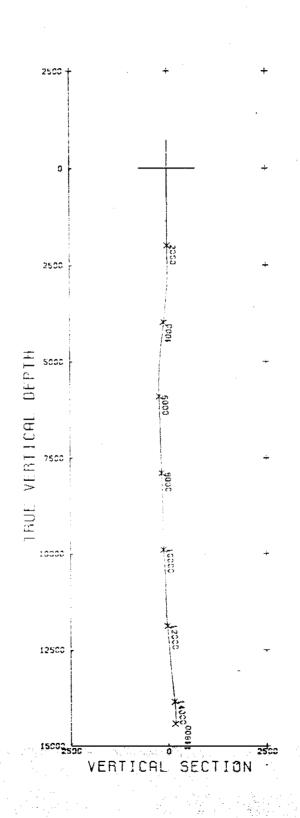
FINISH MD. = 14600

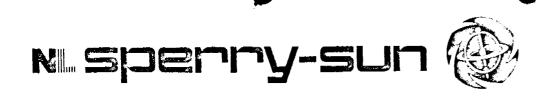
SCALE IS 2500 FEET/INCH

V. S. AZM.

COURSE LENGTH = 100

PLOTTED VALUES SHOWN ARE MERSURED DEPTHS





Casper District Office P.O. Box 183 Casper, Wyoming 82602 (307) 472-5757 December 27, 1983

Amoco Production Company P.O. Box 829 Evanston, Wyoming 82930

Re: Our Job No. EV-LB-30113/EV-BO-30114

Island Ranching 1 A.R.E. Summit County, Utah Survey Date: 11-25-83

Dear Sirs:

Enclosed you will find four (4) copies of our Directional Survey Report of the above referenced well.

This report replaces the report sent on November 25, 1983 for the above referenced well and job numbers which was in error. The hole azimuth was off by six degrees in the clockwise direction for the entire survey.

Please destroy or mark incorrect the old report and replace with the new one.

We are sorry for any inconvenience this error may have caused you. We certainly appreciate your business and look forward to working with you again.

Sincerely,

NL SPERRY-SUN, INC.

John Hienaman District Manager

JH: mu

Enclosures

DIVISION OF CX. GAS & MINING

DISTRIBUTION LIST FOR ISLAND RANCHING 1

Amoco Production Company (3) 1670 Broadway Denver, Colorado 80202 ATTN: Rick Dales

Amoco Production Company (4) P.O. Box 829 Evanston, Wyoming 82930 ATTN: Tom McKay

Champlin Petroleum (2)
P.O. Box 1257
5800 South Quebec
Englewood, Colorado 80150

The Anschutz Corp. (4)
555 17th Street
2400 Anaconda Tower
Denver, Colorado 80202 (Helen Lewis)

Gulf Oil Corp. (2) P.O. Box 2619 Casper, Wyoming 82602 ATTN: Randy Hobbet

Mesa Petroleum (1) 1660 Lincoln Denver, Colorado 80203 . ATTN: David Reed

Mesa Petroleum (1)
P.O. Box 2009
Amarillo, Texas 79189-2009
ATTN: L.M. Carnes

BWAB, Inc. (1) 1000 City Center 4 1801 California St. Denver, Colorado 80202 ATTN: J. Wallace

Tom Brown, Inc. (1)
Suite 830
410 17th Street
Denver, Colorado 80112
ATTN: Alan Smith

Tom Brown, Inc, (1)
P.O. Box 2608
Midland, Texas 79701
ATTN: R.J. DePaul

State of Utah (1) Division of Oil, Gas and Mining 4241 State Office Bulding Salt Lake City, Utah 84114

Amoco Production Company (1)
Research Laboratories
P.O. Box 591
Tulsa, Oklahoma 74102
ATTN: Ron Nelson 2J39

Mobil Oil Corp. (2) P.O. Box 544 1225 17th Street Denver, Colorado 80217 ATTN: Madelyn Schumacher



DIVISION OF

FEE

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

| SUBMIT (See o | ther in | ıstruci | ions |
|------------------|---------|---------|------|
| on | revers | e side |) |

| | | | | | | į | |
|---|--|---|---|---|--|--|--|
| WELL CO | MPLETION | OR RECO | MPLETION | REPORT / | AND LO | G * 6. IF INDIA | N, ALLOTTES OR TRIBE NAME |
| 1a. TYPE OF WEI | LL: OII. WELI | GAS | | Other | | | SEMENT NAME |
| L TYPE OF COM | | , ., ., ., ., ., ., ., ., ., ., ., ., | DRY | Otner | t | | utz Ranch East |
| WELL X | WORK DEEP | PLUG | DIFF. ESVR. | Other | | | LEASE NAME |
| 2. NAME OF OPERA | TOR | | | Other | : | | utz Ranch East |
| Amoco Pro | duction Comm | vanv | | | | 9. WELL NO | |
| 3. ADDRESS OF OPE | duction Comp | , C411 y | | | | W36-1 | 6 |
| P.O. Box | 829. Evansto | n. WY 82 | 2930 | | Į. | | ND POOL, OR WILDCAT |
| 4. LOCATION OF WE | 829, Evansto | clearly and in | accordance with | any State require | menta) * | Ansch | utz Ranch East |
| At surface 8 | 90' FSL, 447 | ' FEL, Se | ec. 36, T 4 | N, R /E | | 11. SEC., T., | B., M., OB BLOCK AND SURVEY |
| At top prod. in | terval reported belo | | | | | OR AREA | • |
| At total depth | | 106 | 0 FSL 78 | 7FEL | • | Sec. | 36, T 4N, R 7E |
| Ţ | D 1212 FS | T. | 14. PERMIT N | 0. n | ATE ISSUED | 12. COUNTY | OR 13. STATE |
| | D 1212 F3 |) L | 1 | 1 | ; | PARISH | |
| 5. DATE SPUDDED | 16. DATE T.D. REA | CHED 17, DA | 43-043- TE COMPL. (Ready | | 1-9-81 | Summi | t UT |
| 02-23-83 | 10-03-83 | | | 10. | ì | F. BEB, RT, GR, ETC.)* | \ |
| O. TOTAL DEPTH, MD | ▲ TVD 21. PLUG, | BACK T.D., MD & | 11-08-84 TVD 22. IF ME HOW | LTIPLE COMPL. | KB 810 | | GL 8070 |
| 4775MD 1459 | 9TVD 14678 | MD 145027 | won du | MANY* | | Surface | |
| 4. PRODUCING INTER | EVAL(S), OF THIS CO | OMPLETION—TO | P, BOTTOM, NAME | (MD AND TVD)* | | → Surrace | 25. WAS DIRECTIONAL |
| Nugget Sa | | | | • | į | | SURVEY MADE |
| 13776-14 | | | 13624-1 | 3999 TVD | ĺ | | Surface to 1/60 |
| 6. TYPE ELECTRIC | ND OTHER LOGS RU | N | 13024-1 | <u> </u> | ; | | Surface to 146(|
| CNL-FDC. | Borehole Ge | ometry) | HC Dipmete | er. DIIQC | ET CRI | Eanso. | No |
| S. | The same of the sa | | ING RECORD (R | | | | 110 |
| CASING SIZE | WEIGHT, LB./FT | | | OLE SIZE | | ENTING RECORD | AMOUNT PULLED |
| 13-5/8 | 61,54.5,43 | .5 40 25 | 88 1 | 7-1/2 | 3800 sx | s. Poz & G | None |
| 9-5/8 | 47 | | | 2-174 | | s. Poz, A, & | · · |
| 7 | 32,34.5,29 | 118 | | 3-1/4 | 875 sx | | None |
| i | | | · | | | | |
| | 7.7 | NER RECORD | <u>,</u> ' | | 30. | TUBING RECO |)RD |
| 9. | -41 | | ·· | T | SIZE | DEPTH SET (M | |
| 9. BIZE | | OTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | | | |
| | | оттом (мв) 14775 | SACKS CEMENT* | SCREEN (MD) | 3-1/2 | — —— <u>—</u> | |
| 4.5 | 10740 | 14775 | | SCREEN (MD) | | 10740 | 10740 |
| 4.5 | TOP (MD) E 10740 | 14775 and number) | | SCREEN (MD) | 3-1/2 | 10740 | 10740 |
| 4.5 1. PERFORATION REC 13776-1383 | 10740 E 10740 10740 10740 1080 (Interval, size 32, 13851-1 | 14775 and number) 3894, | | | 3-1/2 ACID, SHOT. | 10740 FRACTURE, CEMENT | 10740 |
| 4.5 1. PERFORATION REC 13776-1383 13924-1395 | TOP (MD) 10740 SORD (Interval, size 32, 13851-150, 13950-1. | 14775 and number) 3894, 4015, | | 32. | 3-1/2 ACID, SHOT. | 10740 FRACTURE, CEMENT | 10740 |
| 4.5 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 | TOP (MD) 10740 108D (Interval, size 32, 13851-150, 13950-154, 14061-1 | 14775 and number) 3894, 4015, | | 32. | 3-1/2 ACID, SHOT. | 10740 FRACTURE, CEMENT | 10740 |
| 4.5 1. PERFORATION REC 13776-1383 13924-1395 | TOP (MD) 10740 1080 (Interval, size 32, 13851-150, 13950-154, 14061-158 | 14775 and number) 3894, 4015, 4072, | | 32. | 3-1/2 ACID, SHOT. | 10740 FRACTURE, CEMENT | 10740 |
| 13776-1383 13924-1395 14030-1405 14088-1415 | TOP (MD) 10740 108D (Interval, size 32, 13851-150, 13950-154, 14061-1 | 14775 and number) 3894, 4015, 4072, | | 32. | 3-1/2 ACID, SHOT. | 10740 FRACTURE, CEMENT | 10740 |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 | TOP (MD) 10740 10740 108D (Interval, size 32, 13851-150, 13950-154, 14061-158 | 14775 and number) 3894, 4015, 4072, SPF | 92 PRO | 32. DEPTH INTER | ACID, SHOT. | 10740 FRACTURE, CEMENT AMOUNT AND KIN | 10740 |
| ### PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 | TOP (MD) 10740 10740 1080 (Interval, size 32, 13851-150, 13950-154, 14061-158 All 4 | 14775 and number) 3894, 4015, 4072, SPF | 92 | 32. DEPTH INTER | ACID, SHOT. | TO740 FRACTURE, CEMENT AMOUNT AND KIN | 10740 S SQUEEZE, ETC. D OF MATERIAL USED STATUS (Producing or |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 | TOP (MD) 10740 10740 1080 (Interval, size 32, 13851-150, 13950-154, 14061-158 All 4 | 14775 and number) 3894, 4015, 4072, SPF | PRO PRO III 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 32. DEPTH INTER | ACID, SHOT. | 10740 FRACTURE, CEMENT AMOUNT AND KIN | 10740 S SQUEEZE, ETC. D OF MATERIAL USED STATUS (Producing or |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 3.* ATE PIRST PRODUCTS 11-23-83 | TOP (MD) E 10740 | and number) 3894, 4015, 4072, SPF SION METHOD (A | 92 PRO | 32. DEPTH INTER | ACID, SHOT. | TRACTURE, CEMENT AMOUNT AND KING P) WELL Shui Pr | 10740 SQUEEZE, ETC. O OF MATERIAL USED STATUS (Producing or in) Oducing |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 3.• ATE PIRST PRODUCTS 11-23-83 ATE OF TEST 01-05-84 | TOP (MD) 10740 10740 1080 (Interval, size 32, 13851-150, 13950-154, 14061-158 A11 4 TON PRODUCT HOURS TESTED 24 | and number) 3894, 4015, 4072, SPF RION METHOD (I | PROD'N. FOR TEST PERIOD | 32. DEPTH INTER DUCTION DUMping—size an | ACID. SHOT. RVAL (MD) Individual type of pump | TO740 FRACTURE, CEMENT AMOUNT AND KING P) WELL Shai Pr | 10740 SQUEEZE, ETC. O OF MATERIAL USED STATUS (Producing or in) Oducing |
| ### SIZE 4.5 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 3.* THE FIRST PRODUCTS 11-23-83 NITE OF TEST 01-05-84 OW. TUBING PRESS. | TOP (MD) 10740 10740 1080 (Interval, size 32, 13851-150, 13950-154, 14061-158 A11 4 1000 PRODUCT HOURS TESTED 24 CASING PRESSURE | and number) 3894, 4015, 4072, SPF SION METHOD (A | PROD'N. FOR TEST PERIOD | DDUCTION OIL—BBL. 1617 GAS—MC | ACID. SHOT. RVAL (MD) Id type of pump GAS—MCE 8687 | TO740 FRACTURE, CEMENT AMOUNT AND KIN WELL Chui Pr WATER—BBL | 10740 S SQUEEZE, ETC. D OF MATERIAL USED STATUS (Producing or -in) oducing GAS-OIL RATIO |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 3.* ATE FIRST PRODUCTS 11-23-83 ATE OF TEST 01-05-84 OW. TURING PRESS. 1650 | TOP (MD) 10740 10740 1080 (Interval, size 32, 13851-150, 13950-154, 14061-158 A11 4 ION PRODUCT F HOURS TESTED 24 CASING PRESSURE 0 | and number) 3894, 4015, 4072, SPF HOWING CHOKE SIZE 35/64 CALCULATED 24-HOUR BAT | PROD'N. FOR TEST PERIOD OIL—BBL. | DDUCTION OIL—BBL. 1617 | ACID. SHOT. RVAL (MD) Id type of pump GAS—MCE 8687 | TO THE CEMENT AMOUNT AND KIND P) WELL chair Property Control of the Control of t | T SQUEEZE, ETC. D OF MATERIAL USED STATUS (Producing or in) oducing GAS-OIL EATIO 5372 |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 14088-1415 11-23-83 ATE FIRST PRODUCTS 11-23-83 ATE OF TEST 01-05-84 OW. TUBING PRESS. 1650 | TOP (MD) 10740 10740 1080 (Interval, size 32, 13851-150, 13950-154, 14061-1568 A11 4 TON PRODUCT HOURS TESTED 24 CASING PRESSURE 0 AS (Sold, used for fu | and number) 3894, 4015, 4072, SPF CON METHOD (A) 10Wing CHOKE SIZE 35/64 CALCULATED 24-HOUR BAT el, vented, etc.) | PROD'N. FOR TEST PERIOD OIL—BBL. 1617 | DDUCTION OIL—BBL. 1617 GAS—MC | ACID. SHOT. RVAL (MD) Id type of pump GAS—MCE 8687 | P) WELL Share O | 10740 SQUEEZE, ETC. DOF MATERIAL USED STATUS (Producing or on) Oducing GAB-OIL RATIO 5372 OIL GRAVITY-API (CORE.) 68 |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 3.* ATE FIRST PRODUCTS 11-23-83 ATE OF TEST 01-05-84 LOW. TUBING PRESS. 1650 Reinjected | TOP (MD) 10740 10740 20 | and number) 3894, 4015, 4072, SPF CON METHOD (A) 10Wing CHOKE SIZE 35/64 CALCULATED 24-HOUR BAT | PROD'N. FOR TEST PERIOD OIL—BBL. 1617 | DDUCTION OIL—BBL. 1617 GAS—MC | ACID. SHOT. RVAL (MD) Id type of pump GAS—MCE 8687 | P) WELL SAME PT O WATER-BEL. | 10740 SQUEEZE, ETC. DOF MATERIAL USED STATUS (Producing or on) Oducing GAB-OIL RATIO 5372 OIL GRAVITY-API (CORE.) 68 |
| 1. PERFORATION REC 1. 13776-1383 1.3924-1395 14030-1405 14088-1415 3.* ATE FIRST PRODUCTS 11-23-83 ATE OF TEST 01-05-84 OW. TUBING PRESS. 1650 Reinjected | TOP (MD) 10740 10740 20 | and number) 3894, 4015, 4072, SPF CON METHOD (A) 10Wing CHOKE SIZE 35/64 CALCULATED 24-HOUR BAT | PROD'N. FOR TEST PERIOD OIL—BBL. 1617 | DDUCTION OIL—BBL. 1617 GAS—MC | ACID. SHOT. RVAL (MD) Id type of pump GAS—MCE 8687 | P) WELL SAME PT O WATER-BEL. | 10740 S SQUEEZE, ETC. D OF MATERIAL USED STATUS (Producing or only) Oducing GAB-OIL RATIO 5372 OIL GRAVITI-API (CORR.) 68 |
| 1. PERFORATION REC 1. 13776-1383 1.3924-1395 14030-1405 14088-1415 3.* ATE FIRST PRODUCTS 11-23-83 ATE OF TEST 01-05-84 1650 Reinjected 5. LIST OF ATTACEM | TOP (MD) 10740 10740 2080 (Interval, size 32, 13851-150, 13950-154, 14061-1568 A11 4 CON PRODUCT HOURS TESTED 24 CASING PRESSURE 0 AS (Sold, used for full for pressure gents) | and number) 3894, 4015, 4072, SPF SION METHOD (I) 10WING CHOKE SIZE 35/64 CALCULATED 24-HOUR BAT el, vented, etc.) re mainte: | PROFILE OIL—BBL. 1617 nance | DDUCTION OIL—BBL. 1617 GAS—MC 868 | ACID. SHOT. RVAL (MD) Ad type of pump GAS—MCE 8687 | DO WATER—BBL. O TEST WITNES | 10740 S SQUEEZE, ETC. D OF MATERIAL USED STATUS (Producing or |
| 1. PERFORATION REC 13776-1383 13924-1395 14030-1405 14088-1415 3.* ATE FIRST PRODUCTS 11-23-83 ATE OF TEST 01-05-84 LOW. TUBING PRESS. 1650 A. DISPOSITION OF GAR Reinjected 5. LIST OF ATTACEM | TOP (MD) 10740 10740 2080 (Interval, size 32, 13851-150, 13950-154, 14061-1568 A11 4 CON PRODUCT HOURS TESTED 24 CASING PRESSURE 0 AS (Sold, used for full for pressure gents) | and number) 3894, 4015, 4072, SPF SION METHOD (I) 10WING CHOKE SIZE 35/64 CALCULATED 24-HOUR BAT el, vented, etc.) re mainte: | PROFILE OIL—BBL. 1617 nance | DDUCTION OIL—BBL. 1617 GAS—MC 868 | ACID. SHOT. RVAL (MD) Ad type of pump GAS—MCE 8687 | P) WELL SAME PT O WATER-BEL. | 10740 S SQUEEZE, ETC. D OF MATERIAL USED STATUS (Producing or |

submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Rederal agency or a State agency

should be listed on this form, see item 35.

| Feet of the continuous of the continu

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (mpltiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. or Federal office for specific instructions.

Cones S N

No DST

| 57, BUMMARY OF POROUS ZONES: BHOW ALL IMPORTANT ZONES O DEPTH INTERVAL TESTED, CUSH | ROUS ZONES: DETANT EGNES OF F U TESTED, CUSHION | POROBITY AND CONTEN N USED, TIME TOOL O | IMARI OF POROUS ZONESI. Behow all importat zones of posobity and contents thereof; cored intervals; and all drilleterm tests, including Defth interval tested, cushion used, time tool ofen, plowing and shut;n pressures, and recoveries | 38. | GEOLOGIC MARKERS | |
|--|---|--|---|---------------------------------------|------------------|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, RTC. | | TOF | |
| | | | | N N N N N N N N N N N N N N N N N N N | MEAS. DEPTH | TRUM VERT. DEPTH |
| | | | | Frontier | 4764 | 9695 |
| | | | | Aspen | 5341 | 5250 |
| | \$. | • | | Bear River | 5551 | 5455 |
| かん かんきょう かんきょう かんきょう かんきょう かんしゅん かんしゅう かんしゅ かんしゅう かんしゅう かんしゅう かんしゅう かんしゅう かんしゅう かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ かんしゅ | s | | | Gannett | 7003 | 6689 |
| | * | | | Preuss | 10218 | 10108 |
| | | | | Salt | 11344 | 11225 |
| | | | | Twin Creek | 11780 | 11658 |
| | | | | Nugget | 13618 | 13467 |
| | | | | | | |
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ENCLOSURES TO STATE OF UTAH

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| 1. | Dual Induction - SFL | | | 1 | V. 2 1 1 |
| 2. | Lithology Log | | | 2 | # # # : |
| 3. | BHC Acoustilog Gamma Ray | | | 1 | : |
| 4. | Directional Log Date 9/19/82 | | | 2 | |
| 5. | Bore hole Compensated Sonic Log | | | 2 | . • |
| 6. | Directional Log Date 11/16/82 | | | 2 | n - |
| 7. | BHC Acoustilog Gamma Ray 2/11/82 | | | 1 | • |
| 8. | Compensated Neutron Formation Density 10 |)/3/83 | | 1 | |
| 9. | Cement Evaluation Log 9/3/82 | | | 2 | 1) 1) 2) |
| 10. | Natural Gamma Spectroscopy Log 11/18/82 | | | 2 | |
| 11. | Dual Induction - SFL 10/3/83 | | | 1 | |
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| 13. | Compensated Neutron Litho Density 11/18/ | ['] 82 | | 2 | |
| 14. | Borehole Compensated Sonic Log 9/11/83 | | | 1 | |
| 15. | Cement Evaluation Log and Caliper Log 9/ | 11/83 | | 1 | |
| 16. | Final Mud Log Tooke Engineering | | | 2 | |
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DEPARTMENT OF NATURAL RESOURCES



| DIVISIO | ON OF OIL, GAS, AND MI | NING | 5. LEASE DESIGNATION AND SERIAL NO. |
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| SUNDRY NOTI (Do not use this form for proposi- Use "APPLICA | CES AND REPORTS C als to drill or to deepen or plug b TION FOR PERMIT—" for such pr | ON WELLS ack to a different reservoir. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 1. | | | 7. UNIT AGREEMENT NAME |
| OIL WELL WELL X OTHER | | | Anschutz Ranch East |
| 2. NAME OF OPERATOR | | | 8. FARM OR LEASE NAME |
| Amoco Production Com | pany | | Anschutz Ranch East |
| 8. ADDRESS OF OPERATOR | | | 9. WELL NO. |
| P.O. Box 829, Evansto Location of well (Report location closes also space 17 below.) | on, Wyoming 82930 | 54.4. | W36-16 |
| See also space 17 below.) | early and in accordance with any | state requirements | 10. FIELD AND POOL, OR WILDCAT |
| | | | Anschutz Ranch East |
| 890' FSL, 447' FEL Se | ec. 36. T4N. R7E | | 11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA |
| | 20. 30, 2.2, 12, 2 | | Sec. 36, T4N, R7E |
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| <u>43-043-301</u> 57 | 8104 KB | | Summit Utah |
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| NOTICE OF INTENT | | | |
| ROTICE OF INTERE | ioa io: | #OR###G | UENT REPORT OF: |
| | ULL OR ALTER CASING | WATER SHUT-OFF | REPAIRING WELL |
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| (Other) | HANGE PLANS | (Other) <u>Change of I</u> (Nore: Report results | of multiple completion on Well |
| | ATIONS (Clearly state all pertinent | | etion Report and Log form.) |
| 17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction nent to this work.) * | ally drilled, give subsurface locati | ons and measured and true vertica | al depths for all markers and zones perti- |
| Change of Name | | | |
| Old Name: Island Ran | nching E#1 | 1 | |
| New Name: Anschutz H | Ranch East W36-16 | | |
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| | | | DIVISION OF |
| | | G | M., GAS & MINING |
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| 18. I hereby certify that the foregoing is | yrus and correct | - | |
| SIGNED Lawy A. | TITLE SEF | . Admin. Analyst (SG) |) DATE 1/24/84 |
| (This space for Federal or State office | use) | | |
| APPROVED BY | TITLE | | DATE |

DEPARTMENT OF NATURAL RESOURCES



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| 1. | proposals to drill or to deepen or plu PLICATION FOR PERMIT—" for such | proposals.) | 7. UNIT AGREEMENT NAME |
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| Amoco Production | Company | | Anschutz Ranch East |
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| | tion clearly and in accordance with as | ny State requirements.* | W36-16 10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East |
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| FORMER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLETE proposed work. If well is d nent to this work.) Formerly Island Ra Date of operation Date spudded 02/22 Total Depth 14,77. Completion date 02 | report 1/28/84 3/83 5 MD 14,599 TVD | ent details, and give pertinent dates sations and measured and true vertic | REPAIRING WELL ALTERING CABING ABANDONMENT* Deration Sof multiple completion on Well election Report and Log form.) Including estimated date of starting any al depths for all markers and zones perti- |
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| SIGNED Sauf | | taff Admin. Analyst (S | GG) DATE 02-08-84 |
| (This space for Federal or State APPROVED BY | TITLE | | DATE |



Amoco Production Company

Northern Division 1700 Lincoln Post Office Box 800 Denver. Colorado 80201 303 - 830-4040

Steve W. Souders
Division Production Manager

September 12, 1984

Utah Division of Oil, Gas, and Mining 4241 State Office Building Salt Lake City, UT 84114

Attention: Claudia Jones

File: DFK-940-416

Reclassifying Anschutz Ranch East Unit Wells from Gas to Oil RECEIVED

SEP 17 1984

DIVISION OF OIL.

In the past, Amoco Production Company has classified all of its producing wells in the Anschutz Ranch East Unit as gas wells on the State completion reports. The classification was made in accordance with the State of Utah definition of a gas well wherein condensate production was considered the product of a gas well. Under 40-6-2 of the Utah Conservation Senate Bill No. 157, the definition was changed as follows:

- (6) "oil" means crude oil or condensate or any mixture thereof defined as follows:
 - (b) "condensate" means those hydrocarbons, regardless of gravity, that occur naturally in the gaseous phase in the reservoir that are separated from the natural gas as liquids through the process of condensation either in the reservoir, in the wellbore or at the surface in field separators.

In consideration of the above definition, we hereby reclassify all wells (as shown on Attachment No. 1) from

| Well Name | Formerly | Location | API# |
|------------------------------|-------------------------|-----------------------|--------------|
| (Anschutz Ranch East Unit #) | | (Summit County, Utah) | |
| U 16 06 | D | ND /4 G = 16 MAN DOD | 42 042 20120 |
| W 16-06 | Bountiful Livestock #1A | · · | 43-043-30138 |
| W 16-12 | | SW/4 Sec. 16 T4N R8E | |
| W 17-16 | Champlin 458 G #1 | SE/4 Sec. 17 T4N R8E | 43-043-30176 |
| W 19-16 | Champlin 458 H #1 | SE/4 Sec. 19 T4N R8E | 43-043-30215 |
| W 20-02 | - their man white | NE/4 Sec. 20 T4N R8E | 43-043-30228 |
| W 21-04 | Champlin 458 F #1 | NW/4 Sec. 21 T4N R8E | 43-043-30135 |
| E 21-14 | Champlin 458 F #2 | SW/4 Sec. 21 T4N R8E | 43-043-30130 |
| W 29-04 | Champlin 458 Amoco D #1 | NW/4 Sec. 29 T4N R8E | 43-043-30129 |
| W 29-06A | | NW/4 Sec. 29 T4N R8E | 43-043-30219 |
| W 29-14A | | SW/4 SEc. 29 T4N R8E | 43-043-30251 |
| W 30-10 | | SE/4 Sec. 30 T4N R8E | 43-043-30215 |
| W 31-04 | Champlin 458 E #2 | NW/4 Sec. 31 T4N R8E | 43-043-30165 |
| W 31-06 | Champlin 458 E #6 | NW/4 Sec. 31 T4N R8E | 43-043-30217 |
| W 31-08 | Champlin 458 E #1 | NE/4 Sec. 31 T4N R8E | 43-043-30164 |
| W 31-12 | Champlin 458 E #3 | SW/4 Sec. 31 T4N R8E | 43-043-30190 |
| W 32-04 | - | NW/4 Sec. 32 T4N R8E | 43-043-30162 |
| W 36-10 | | SE/4 Sec. 36 T4N R8E | 43-043-30227 |
| W 36-16 | Island Ranching E #1 | SE/4 Sec. 36 T4N R8E | 43-043-30157 |
| | | | |

Mobil Oil Corporation

PIO BOX 5444 DENVER, COLORADO 80217

Denver E&P Division September 13, 1984 RECEIVED

SEP 1 9 1984

DIVISION OF OIL GAS & MINING

State of Utah Department of Oil, Gas and Mining 4241 State Office Building Salt Lake City, Utah 84114

Attention: Diane Nielson

CLASSIFICATION OF WELLS: ANSCHUTZ RANCH EAST UNIT EAST PARTICIPATING AREA

Gentlemen:

There has been some question as to whether wells located in the captioned area are classified as oil or gas wells.

Please be so kind as to clarify the position of the Utah Department of Oil, Gas and Mining regarding this matter.

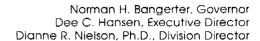
Yours very truly,

Douglass

SEHunt:270:slr

Regulatory Compliance Manager

C. RUFFILL
JR Baza





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 24, 1984

Mr. Steve Souders Amoco Production Company P.O. Box 800 Denver, Colorado 80201

Dear Mr. Souders:

Re: Reclassification of Anschutz Ranch East Unit Wells from Gas to Oil.

In reference to your recent letter requesting reclassification of gas wells to oil wells, it is the opinion of Division staff that such action cannot be allowed by either regulation or statute. Therefore, the requested changes to the well records will not be made unless the Board of Oil, Gas and Mining determines otherwise.

We concur with the definition stated in your letter which considers crude oil, condensate or any mixture thereof as an "oil". However, the classification of a well as oil or gas depends on the predominant fluid produced from the well. Based on recent production reports received from your company, wells in the Anschutz Ranch East Unit produce predominantly gas with associated condensate or oil. Additionally, the Anschutz Ranch East Nugget reservoir has been described as a retrograde gas reservoir in various reports and hearings before the Board of Oil, Gas and Mining. Because the formation of condensate in such a reservoir is damaging, it seems illogical to describe this reservoir as an oil reservoir or to classify wells producing from this reservoir as oil wells.

The Division is currently revising the state rules and regulations for oil and gas operations based on the passage of SB 157 in 1983. The revision will included definitions of oil and gas wells which will probably be based on producing GOR. The guideline which is currently used for classifying oil and gas wells is that any well producing at a GOR greater than 10000:1 should be designated as a gas producing well. Using this guideline, the wells in the Anschutz Ranch East Unit are considered gas wells.

Page 2 Amoco Production Company September 24, 1984

If the producing conditions change in any of the referenced wells and the change qualifies them for reclassification, the Division would be happy to make that determination. Please let us know if we can be of further assistance.

Sincerely,

Original Signed by John R. Baza

John R. Baza Petroleum Engineer

cc: Mobil Oil Corp. Attn: J.L. Douglass
 D.R. Nielson
 R.J. Firth

Form OGCC-1 be

STATE OF UTAH

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| (This space for Federal or State office use) | | 0/11/05 |
| | Sr. Drilling Eng. Supervisor | 9/11/85 |



Amoco Production Company

May 16, 1986

RECIEIV MAY 2 1 1986

Utah Division of Oil, Gas & Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180

DIVISION OF OIL, GAS & MINING

Re: Name change on wells being brought into the Anschutz

Ranch East Unit

Attn: Claudia Jones

Dear Claudia:

The following is a list of all wells, East & West Lobe (production and Injection) at Anschtuz Ranch East referenced by well name, API No. and legal description, that should be rolled over from Amoco Production Company to Amoco Rockmount Company upon completion and being brought into the Unit.

Production wells

| Well Name | API No. | <u>Legal</u> <u>Description</u> |
|------------------------------|---------------------------------------|---------------------------------|
| W01-04 | 43-043-30270 | NWNW, Sec 1, T3N, R7E |
| W01-06 | 43-043-30188 | SENW, Sec 1, T3N, R7E |
| W01-12 | 43-043-30271 | NWSW, Sec 1, T3N, R7E |
| W20-04 | 43-043-30238 | NWNW, Sec 20, T4N, R8E |
| w16 -60 06 | 43-043-30138 | NENE, Sec 16, T4N, R8E |
| W16-12 | 43-043-30231 | SWNW, Sec 16, T4N, R8E |
| W17-12167. | 43-043-30176 | NWSE, Sec 17, T4N, R8E |
| W19-16 | 43-043- <u>95008</u> 7, 3 <i>0704</i> | SWSE, Sec 19, T4N, R8E |
| W20-02 | 43-043-30228 | NWNE, Sec 20, T4N, R8E |
| w20-06 | 43-043-30159 | NWNW, Sec 20, T4N, R8E |
| W20-10 | 43-043-30229 | SENW, Sec 20, T4N, R8E |
| W20-12 | 43-043-30220 | NWSW, Sec 20, T4N, R8E |
| W20-16 | 43-043-30148 | SWSE, Sec 20, T4N, R8E |
| W21-04 | 43-043-30135 | NWNW, Sec 21, T4N, R8E |
| W29- 04 | 43-043-30129 | NWNW, Sec 29, T4N, R8E |
| W29-06A | 43-043-30250 | SENW, Sec 29, T4N, R8E |
| W29-14A | 43-043-30251 | NWSW, Sec 29, T4N, R8E |
| w30-06 | 43-043-30273 | NESW, Sec 30, T4N, R8E |
| w30-08 | 43-043-30183 | SENE, Sec 30, T4N, R8E |
| W30-10 | 43-043-30215 | NWSE, Sec 30, T4N, R8E |
| W30-14 | 43-043-30185 | SESW, Sec 30, T4N, R8E |
| w30-16 | 43-043-30156 | NESE, SEc 30, T4N, R8E |

Production wells (cont.)

| Well Name | API NO. | <u>Legal Description</u> |
|-----------|-----------------------|--------------------------------|
| W31-04 | 43-043-30165 | NWNW, Sec 31, T4N, R8E |
| w31-06 | 43-043-30217 | SENW, Sec 31, T4N, R8E |
| W31-08 | 43-043-30164 | NWNE, Sec 31, T4N, R8E |
| W31-12 | 43-043-30190 | SWNW, Sec 31, T4N, R8E |
| W32-04 | 43-043-30162 | NWNW, Sec 32, T4N, R8E |
| W36-10 | 43-043-30227 | NESW, Sec 36, T4N, R7E |
| W36+16 | 43-043-30157 | SESE, Sec 36, T4N, R7E |
| | Injection wells | |
| | | 1 |
| W01-02 | 43-043-30209 | NWNE, Sec 1, T3N, R7E |
| W02-10 | 43-043-30265 | NWSE, Sec 2, T3N, R7E |
| W16-14 | 43 - 043-30096 | NWSW, Sec 16, T4N, R8E |
| W19-08 | 43-043-30272 | SENE, Sec 19, T4N, R8E |
| MSO-08 | 43-043-30212 7 30123 | |
| W20-14 | 43-043-30145 | NWSW, Sec 20, T4N, R8E |
| W29-02 | 43-043-30220 / 30136 | NWNE, Sec 29, T4N, R8E |
| W29-12 | 43-043-30154 | NWSW, Sec 29, T4N, R8E |
| W30-02 | 43-043-95014 730218 | |
| W30-12A | 43-043-30248 2,30130 | NWSW, Sec 30, T4N, R8E |
| W30-15 | 43-043-95012 3,3026 | <u>NWNE</u> , Sec 30, T4N, R8E |
| w36-08 | 43-043-30167 | SENE, Sec 36, T4N, R7E |
| W36-14 | 43-043-30255 | SESW. Sec 36, T4N, R7E |

This should help to clarify your files and if any changes are necessary we will notify you of such.

If further information is needed please contact Louis F. Lozzie of this office at 307-789-1700 ext. 2226.

Thank you,

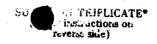
R. M. Ramsey

District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING



PGW

| | DIVISION OF OIL, GA | S, AND MINING | | 5. LBACE DESIGNATION AND SECIAL NO. |
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| 2. FAME OF OFREATOR | 77#SE | | | Anschutz Ranch East |
| AMOCO PRODUCTION | I COMPANY | | | W36-16 |
| P. O. BOX 829. F | VANSTON, WYOMING | 82930 | | 9. WELL NO. |
| 4. LOCATION OF WELL (Report le | ocation clearly and in accorda | ince with any State req | uirements.• | W36-16 10. FIELD AND POOL, OR WILDCAT |
| At surface | | | | Nugget |
| 890' | FSL & 447' FEL | | | 11. SHC., T., E., M., OR SLE. AND SURVEY OR AREA |
| 14. PERMIT NO. | 18. BLEVATIONS (Sh | ow whether py, RT, GR, et | • | Sec. 36, T4N, R7E |
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| S. I hereby certify that the fores | roing is true and correct | | | |
| SIGNED Deus T. | Josnie 1 | Administ | rative Superviso | or _{DATE} 9-28-87 |
| (This space for Federal or Str | | *************************************** | | BATE |
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| CONDITIONS OF APPROVAL | ID ANT. | TITLE | | DATE |
| APPROVED BY T | HE STATE | | | PECSINE) |
| OF UTAH DIVIS | MINING | | A : • | 00T 400T |
| OIL, GAS, AND | Jee l | nstructions on Reve | ne Side | OCT. 1 1987 |
| XI P. Bus | | | | DIVISION OF OIL |
| 1 | Same in the same | | | GAS & MINING |

STATE OF UTAH DIVISION OF C GAS AND MINING

| | | **** 41.40 | |
|---|--|---|--|
| | | <u> </u> | 5. Lease Cesignation and Senal Number: FEE |
| SUNDF | RY NOTICES AND REPOR | TS ON WELLS | 6. If Indian, Allottee or Tribe Name: |
| Do not use this form for pi Use Al | roposals to drill new wells, deepen existing wells, or to PPUCATION FOR PERMIT TO DRILL OR DEEPEN for | o reenter plugged and abandoned wells. m for such proposals. | 7. Unit Agreement Name: ANSCHUTZ RANCH EAST |
| 1. Type of Well: OIL GAS | OTHER: | | 8. Well Name and Number: W36-16 |
| 2. Name of Operator: AMOCO PRODUCTION | N COMPANY | | 9. API Well Number: 43-043-30157 |
| 3. Address and Telephone Number: 1670 Broadway, 1 | Denver, CO 80202 | | 10. Field and Pool, or Wildcat: NUGGET |
| 4. Location of Weil | | | |
| | & 447' FEL | | County: SUMMIT |
| CO, Sec.,T.,R.,M.: SEC 36 | T4N R7E | • | SUPERITI |
| II. CHECK APPE | | | UIAH |
| CHECK APPR | OPRIATE BOXES TO INDICAT | E NATURE OF NOTICE, REP | ORT, OR OTHER DATA |
| том | ICE OF INTENT | | EQUENT REPORT |
| (5: | ubmit in Duplicate) | | nit Original Form Only) |
| Abandonment | ■ New Construction | ☐ Abandonment * | ☐ New Construction |
| Casing Repair | ☐ Pull or Alter Casing | ☐ Casing Repair | ☐ Pull or Alter Casing |
| Change of Plans | ☐ Recompletion | ☐ Change of Plans | ☐ Shoot or Acidize |
| Conversion to Injection | ☐ Shoot or Acidize | ☐ Conversion to Injection | ☐ Vent or Flare |
| Fracture Treat | ☐ Vent or Flare | Fracture Treat | ☐ Water Shut-Off |
| Multiple Completion | ☐ Water Shut-Off | Other | |
| Other | | | |
| | | Date of work completion | |
| pproximate date work will start | | <u> </u> | and Recompletions to different reservoirs on WELL |
| • | | COMPLETION OF RECOMPLETION AN | ID LOG form. |
| ************************************** | | * Must be accompanied by a cement veri | ification report. |
| DESCRIBE PROPOSED OR COMPLETE | D OPERATIONS (Clearly state all pertinent details, ar | nd give pertinent dates. If well is directionally drill | led, give subsurface locations and measured and true |
| vertical depths for all markers and zone: | s pertinent to this work.) | | |
| 1. Perforate 13 | ,676'-13,696' with through-tubing perforating guns at 4 . | JSPF, 60 to 90 degree phasing. | |
| 2. RU E-line to | run and set Baker 2-1/2" TTRBP at a depth of approxin | nately 13, 729'. | |
| 3. RU DS and S | Stinger tree saver. | | |
| 4. Test pressur | e lines. | | |
| 5. Load tubing | with frac water, pressure test backside to 1500 psi. Back | side should be pressure tested ahead of time for poten | ntial leaks. |
| 6. Pump into fo | rmation at 20-30 BPM with crosslinked bad to see what r ig after shut down. Tubing and casing volume is approxi | Tite and pressure can be achieved. Shut down and reco | |
| 7. Finalize desi Strength Propp | gn rates with DS and Denver, continue with proppant fra ant. | cture stimulation. Assumed rates will be 35 BPM with | h 65,000 lbs of 20/40 Intermediate |
| 8. RD DS. Flow | wback well to pit. If well will not flow, RU CTU. | | |
| 9. Assuming no | screenout, pull TTRBP with CT and jet if necessary to g | et the well to flow. If frac does screenout, cleanout to t | op of plug with CT and then retrieve plug. |
| 10. Flow well th 11. Return well | rough Norward test equipment until flow is free of propp to plant. | ant. | |
| ne & Signature: Muld | in & Martine | Title: PERMITTING AC | GENT |
| energ for State | Verbal agrand and to | Lalinati | S S SIGNAL |
| space for State use only) | to G. Marthaer on | 1/2/01) | MECELV |
| APPROVE | D BY THE STATE | 417/71.) | |
| <u> </u> | AH DIVISION OF | 11 | N APR 04 1997 |
| | S, AND MINING | | 101 4110 |
| DATE: 4 | 7-97 0 | | |
| RV de | (See Instruction | ons on Reverse Side) | DIV OF OIL GAS |

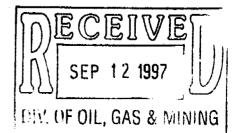
STATE OF UTAH DIVISION OF O BAS AND MINING

| 4 | _ |
|---|---|
| • | T |

| | <u> </u> | 5. Lease Designation and Serial Number: FEE |
|--|--|---|
| SUNDRY NOTICES AND REPORT | S ON WELLS | 8. If Indian, Atlottae or Tribe Name: |
| Do not use this form for proposals to drill new wells, deepen existing wells, or to Use APPLICATION FOR PERMIT TO ORILL, OR DEEPEN form | reenter plugged and abandoned wells. | 7. Unit Agreement Name: |
| 1. Type of Well: | for such proposals. | Anschutz Ranch East |
| | | 8. Well Name and Number: |
| 2. Name of Operator: | | W36-16 9. API Weil Number: |
| AMOCO PRODUCTION COMPANY | | 43-043-30157 |
| 1. Address and Telephone Number: 1670 Broadway, Denver, CO 80 | 202 | 10. Field and Pool, or Wildcat: |
| 4. Location of Well | | NUGGETT |
| Footages: 890' FSL X 447' FEL | | |
| OQ. Sec., T., R., M.: Sec 36 T4N R7E | | County: SUMMIT |
| ······································ | | State: UTAH |
| CHECK APPHOPRIATE BOXES TO INDICATE | NATURE OF NOTICE, REP | ORT, OR OTHER DATA |
| NOTICE OF INTENT | 1 | EQUENT REPORT |
| (Submit in Duplicate) | | it Original Form Only) |
| □ Coole = D | ☐ Abandonment * | ☐ New Construction |
| i Change of Bi | ☐ Casing Repair | Pull or Alter Casing |
| Conversion As I have | ☐ Change of Plans | Shoot or Acidize |
| Fracture Treat Shoot or Acidize | ☐ Conversion to Injection | ☐ Vent or Flare |
| Multiple Completion | ☐ Fracture Treat | ☐ Water Shut-Off |
| Other | Other | |
| | Date of work completion | April 15, 1997 |
| proximate date work will start | 1 | |
| | The second section with | |
| | * Must be accompanied by a cement verifi | cation report. |
| ESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and prices depths for all markers and zones pertinent to this work.) | give pertinent dates. If well is directionally drille | d, give subsurface locations and measured and true |
| Perforate 13,676'-13,696' with through-tubing perforat RUE-line to run and set Baker 2-1/2" TTRBP at a depth RUDS and Stinger tree saver. Test pressure lines. Load tubing with frac water, pressure test backside to 15 Pump into formation at 20-30 BPM with crosslinked backriction pressure calibration, resume pumping after shut do Finalize design rates with DS and Denver, continue with of 20/40/Intermediate Strength Propant. RD DS. Flowback well to pit. If well will not flow, RU 0 Assuming no screenout, pull TTRBP with CT and jet if with CT and then retrieve plug. Flow well through Norward test equipment until flow in 11. Return well to production on April 22, 1997. | ing guns at 4 JSPF, 60 to 90 degree phasing a of approximately 13,720'. 500 psi. Backside should be pressure tested d to see what rate and pressure can be achieven. Tubing and casing volume is approximal propant fracture stimulation. Assumed ractive. CTU. necessary to get the well to flow. If frac does | g. ahead of time for potential leaks. ved. Shut down and record ISIP for ately 125 BBLs. tes will be 35 BPM with 48,000 lbs |
| | | |
| 1 Signature: D. G. Martine | τιθο: PERMITTING A | GENT 0ato: 4/23/97 |
| con for State use only) | | APR 3 0 1997 |
| (See Instructions of | n Reverse Side) | DIV. OF OIL, GAS & MINITING |

WO tax credit 12/97.

(See Instructions on Reverse Side)



me and Signature:

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

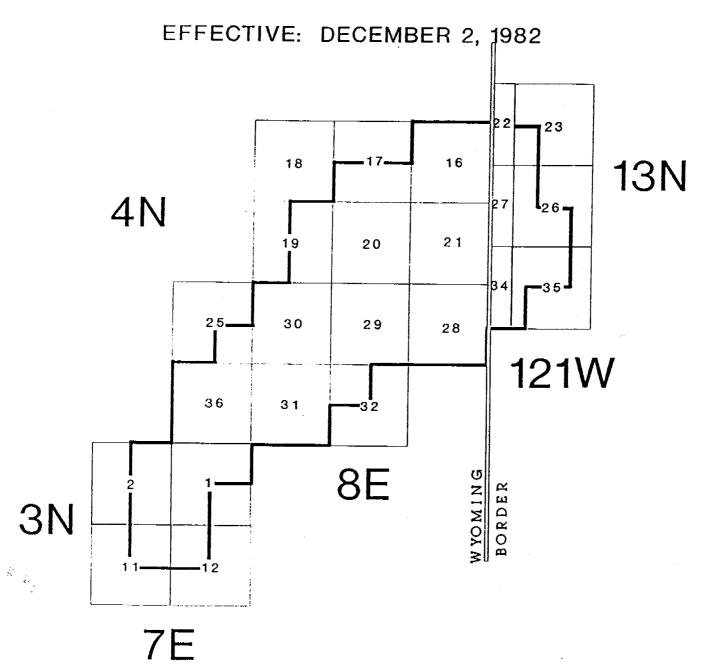
Page 1 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

| OPERATOR NAME AND ADDRESS: | | | UTA | H ACCOUNT NUMB | ER: | |
|--|-----------|------------|--------|------------------|--------------------|---------------|
| DEMETRIA MARTINEZ AMOCO ROCMOUNT COMPANY PO BOX 800 DENVER CO 80201 | | | | ORT PERIOD (MONT | - | |
| | | | AME | NDED REPORT (| Highlight Changes | ;) |
| Well Name | Producing | Well | Days | | Production Volumes | |
| API Number Entity Location | Zone | Status | Oper | OIL(BBL) | GAS(MCF) | WATER(BBI |
| ANSCHUTZ RANCH EAST W20-08 | | | | Fu | 11101 | |
| 4304330123 04540 04N 08E 20 ANSCHUTZ RANCH EAST 29-04ST1 | NGSD | | | ru | Anschutz Ranch | East Unit |
| 4304330129 04540 04N 08E 29 | HCC. | | | 41 | | |
| ANSCHUTZ RANCH EAST E21-14 | NGSD | · | | | | |
| 4304330130 04540 04N 08E 21 | TWNCR | | | " | | |
| ANSCHUTZ RANCH EAST W21-04 | | | | 4 | | |
| 4304330135 04540 04N 08E 21 | NGSD | | | ľ | | |
| ANSCHUTZ RANCH EAST W29-02 | | | | u | | . |
| 4304330136 04540 04N 08E 29 | NGSD | | | | | |
| ANSCHUTZ RANCH EAST W16-06 4304330138 04540 04N 08E 16 | 11000 | | | ч | | |
| CHUTZ RANCH EAST W20-16 | NGSD | | | | | |
| 4304330148 04540 04N 08E 20 | NGSD | | | a | | |
| ANSCHUTZ RÄNCH EAST W30-16 | -11000 | | | | | |
| 4304330156 04540 04N 08E 30 | NGSD | | | 4 | | |
| ANSCHUTZ RANCH EAST W36-16 | | | | | | |
| 4304330157 04540 04N 07E 36 ANSCHUTZ RANCH EAST W20-06 | NGSD | | | . 4 | · | |
| 4304330159 04540 04N 08E 20 | NCCD | | | ۲, | | |
| ANSCHUTZ RANCH EAST W32-04 | NGSD | | | | | |
| 4304330162 04540 OAN OBE 32 | NGSD | | | (t | | • |
| ANSCHUTZ RANCH EAST W31-08 | | | | | | |
| 4304330164 04540 04N 08E 3T | NGSD | | | u | | |
| ANSCHUTZ RANCH EAST W31-04 | | | | ٠, | | |
| 4304330165 04540 04N 08E 31 | NGSD | | | | - | |
| | | 1 | TOTALS | 1.10 | | |
| | | - | CIALS | | <u></u> | |
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| MMENTS: | | | | | | |
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| | | | | | | |
| | | | | . 7 | | |
| | | | | - | | |
| | | _ | | | | |
| newsy certify that this report is true and complete to the | | knowledge. | | Da | ite: | |

Telephone Number:

ANSCHUTZ RANCH EAST UNIT Summit County, Utah



UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES



DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director Lowell P. Braxton Division Director 801-538-7223 (TDD)

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax)

February 26, 1998

G. G. Martinez Amoco Production Company P. O. Box 800, Room 812B Denver, Colorado 80201

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Amoco Rocmount Company to Amoco Production Company for the following wells which are located on fee leases:

| <u>Well Name</u> | SecTR. | API <u>Number</u> |
|-----------------------------|------------|-------------------|
| (Anschutz Ranch East "ARE") | | |
| ARE W20-08 | 20-04N-08E | 43-043-30123 |
| ARE 29-04ST1 | 29-04N-08E | 43-043-30129 |
| ARE E21-14 | 21-04N-08E | 43-043-30130 |
| ARE W21-04 | 21-04N-08E | 43-043-30135 |
| ARE W29-02 | 29-04N-08E | 43-043-30136 |
| ARE W16-06 | 16-04N-08E | 43-043-30138 |
| ARE W20-16 | 20-04N-08E | 43-043-30148 |
| ARE W30-16 | 30-04N-08E | 43-043-30156 |
| ARE W36-16 | 36-04N-07E | 43-043-30157 |
| ARE W20-06 | 20-04N-08É | 43-043-30159 |
| ARE W32-04 | 32-04N-08E | 43-043-30162 |
| ARE W31-08 | 31-04N-08E | 43-043-30164 |
| ARE W31-04 | 31-04N-08E | 43-043-30165 |
| ARE W17-16 | 17-04N-08E | 43-043-30176 |
| ARE W30-08 | 30-04N-08E | 43-043-30183 |
| ARE W30-14 | 30-04N-08E | 43-043-30185 |
| ARE W01-06 | 01-03N-07E | 43-043-30188 |
| ARE W31-12 | 31-04N-08E | 43-043-30190 |
| ARE W19-16 | 19-04N-08E | 43-043-30204 |
| ARE W30-10 | 30-04N-08E | 43-043-30215 |
| ARE W31-06 | 31-04N-08E | 43-043-30217 |

Page 2 G. G. Martinez Notification of Sale February 26, 1998

| ARE | W20-12 | 20-04N-08E | 43-043-30220 |
|-----|---------|------------|--------------|
| ARE | E28-06 | 28-04N-08E | 43-043-30226 |
| ARE | W36-10 | 36-04N-07E | 43-043-30227 |
| ARE | W20-02 | 20-04N-08E | 43-043-30228 |
| ARE | W20-10 | 20-04N-08E | 43-043-30229 |
| ARE | W16-12 | 16-04N-08E | 43-043-30231 |
| ARE | W20-04 | 20-04N-08E | 43-043-30238 |
| ARE | W29-06A | 29-04N-08E | 43-043-30250 |
| ARE | W29-14A | 29-04N-08E | 43-043-30251 |
| ARE | E28-12 | 28-04N-08E | 43-043-30257 |
| ARE | W01-04 | 01-03N-07E | 43-043-30270 |
| ARE | W01-12 | 01-03N-07E | 43-043-30271 |
| ARE | W30-06 | 30-04N-08E | 43-043-30273 |
| ARE | W11-1 | 11-03N-07E | 43-043-30277 |
| ARE | W30-13 | 25-04N-07E | 43-043-30279 |
| ARE | W12-04 | 02-03N-07E | 43-043-30283 |
| ARE | W20-09 | 20-04N-08E | 43-043-30286 |
| ARE | W20-03 | 20-04N-08E | 43-043-30291 |
| | | | |

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association Box 1292 Roosevelt, Utah 84066 Page 3 G. G. Martinez Notification of Sale February 26, 1998

Your assistance in this matter is appreciated.

Sincerely,

Lisha Cordova

Lisha Cordova

Admin. Analyst, Oil & Gas

cc: Amoco Rocmount Company, Ed Hadlock
 Utah Royalty Owners Association, Stephen Evans
 John R. Baza, Associate Director
 Operator File(s)

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

| | | | 5. Lease Designation and Serial Number: |
|-------------------------------------|--|---|--|
| SUND | RY NOTICES AND REPOR | TS ON WELLS | 8. If Indian, Allottae or Tribe Name: Anschutz Ranch East |
| Do not use this form fo | r proposals to drift now wells, deepen existing wells, or a APPLICATION FOR PERMIT TO DRILL OR DEEPEN to | to reenter plugged and abandoned wells. rm for such proposals. | 7. Unit Agreement Name: W36-16 |
| . Type of Well: OIL . G | AS OTHER: | | 8. Well Name and Number: |
| Name of Operator: | Amoco Production Company | | 9. API Well Number: |
| Address and Telephone Number: | P.O. Box 800, Rm 812B, Denver, C | | 43-043-30157 10. Field and Pool, or Wildcat: |
| Location of Weil Footages: | 890' FSL, 447' FEL | | Nugget |
| OQ, Sec.,T.,R.,M.; | Sec 36, T4N, R 7E | | County: Summit State: Utah |
| CHECK API | PROPRIATE BOXES TO INDICAT | TE NATURE OF NOTICE, REP | ORT. OR OTHER DATA |
| | OTICE OF INTENT (Submit in Duplicate) | SUBSE | QUENT REPORT t Original Form Only) |
| Abandonment | ☐ New Construction | ☐ Abandonment * | ☐ New Construction |
| Casing Repair | Pull or Alter Casing | Casing Repair | ☐ Pull or Alter Casing |
| Change of Plans | ☐ Recompletion | Change of Plans | Shoot or Acidize |
| Conversion to Injection | ☐ Shoot or Acidize | ☐ Conversion to Injection | ☐ Vent or Flare |
| Fracture Treat | ☐ Vent or Flare | Fracture Treat | ☐ Water Shut-Off |
| Multiple Completion | ☐ Water Shut-Off | Cther | _ |
| Other | _ | | |
| | | Pata of work appealation | |
| pproximate date work will s | start | Date of work completion | |
| | | Paport results of Multiple Completional COMPLETION OR RECOMPLETION AN | and Recompletions to different reservoirs on WELL D LOG form. |
| | | * Must be accompanied by a cement veni | |
| vertical depths for all markers and | | | • |
| | Bond #831094. This is eff | perator of the above mentioned well Fective 1/31/95. | . We will be operating under |
| Utah | | fective 1/31/95. | |
| Utah | Bond #831094. This is eff | fective 1/31/95. | |
| Utah If yo | Bond #831094. This is eff | fective 1/31/95. | |
| Utah | Bond #831094. This is eff | fective 1/31/95. | |

PAGE 1

State of Delaware

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF DISSOLUTION OF "AMOCO ROCMOUNT COMPANY", FILED IN THIS OFFICE ON THE THIRTY-FIRST DAY OF JANUARY, A.D. 1995, AT 10 O'CLOCK A.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.

> Charge of operator. Auroco Rusenovat to Anoco Production Co Effective 1/31/95

> > New

Edward I. Freel Secretary of State

0934277 8100

950022938

AUTHENTICATION:

7391913

DATE:

01-31-95

AHN: Lisher Cordova 801-359-3904

4 pages

Elfactork Amoro Bod. Co 303-830-4993

CERTIFICATE OF DISSOLUTION

OF

AMOCO ROCMOUNT COMPANY

AMOCO ROCMOUNT COMPANY, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That dissolution was authorized on January 19, 1995.

SECOND: That dissolution has been authorized by the unanimous written consent of all of the stockholders of the corporation entitled to vote on a dissolution in accordance with the provisions of subsection (c) of section 275 of the General Corporation Law of the State of Delaware.

THIRD: That the names and addresses of the directors and officers of AMOCO ROCMOUNT COMPANY are as follows:

DIRECTORS

| <u>NAMES</u> | <u>ADDRESSES</u> |
|--------------|---|
| J. M. Brown | 501 WestLake Park Boulevard Houston, TX 77079 |
| J. M. Gross | 501 WestLake Park Boulevard Houston, TX 77079 |
| D. H. Welch | 200 East Randolph Drive Chicago, IL 60601 |

OFFICERS

| NAMES, | OFFICES | <u>ADDRESS</u> |
|---------------|----------------|---|
| J. M. Brown | President | 501 WestLake Park Blvd Houston, TX 77079 |
| M. R. Gile | Vice President | 1670 Broadway Denver, CO 80202 |
| J. N. Jaggers | Vice President | 1670 Broadway |

| NAMES | <u>OFFICES</u> | ADDRESS |
|-------------------|--------------------------|--|
| D. H. Welch | Vice President | 200 East Randolph Drive Chicago, IL 60601 |
| J. M. Gross | Secretary | 501 WestLake Park Blvd, Houston, TX 77079 |
| R. B. Wilson | Assistant Secretary | 1670 Broadway Denver, CO 80202 |
| Rebecca Gormezano | Assistant Secretary | 200 East Randolph Drive Chicago, IL 60601 |
| C. F. Helm | Assistant Secretary | 519 S. Boston Tulsa, OK 74103 |
| A. L. Haws | Assistant Secretary | 501 WestLake Park Bivd. Houston, TX 77079 |
| Daniel B. Pinkert | Assistant Secretary | 200 East Randolph Drive Chicago, IL 60601 |
| G. L. Paulson | Assistant Secretary | 1670 Broadway Denver, CO 80202 |
| J. E. Rutter | Assistant Secretary – | 501 WestLake Park Blvd. Houston, TX 77079 |
| J. L. Siddall | Assistant Secretary | 200 East Randolph Drive Chicago, IL 60601 |
| M. J. Stonecipher | Assistant Secretary | 519 S. Boston Tulsa, OK 74103 |
| Rebecca S. McGee | Assistant Secretary | 1670 Broadway Denver, CO 80202 |
| Gerald M. Wilson | Assistant Secretary | 200 East Randolph Drive Chicago, IL 60601 |
| Marsha Williams | Treasurer | 200 East Randolph Drive Chicago, IL 60601 |

IN WITNESS WHEREOF, said AMOCO ROCMOUNT COMPANY has caused this certificate to be signed by M. R. Gile, its Vice President, and attested by Rebecca S. McGee, its Assistant Secretary, this 26th day of January, 1995.

AMOCO ROCMOUNT COMPANY

ATTEST:

By Rebect S. MCo.
Assistant Secretary

M. R. Gile. Vice President

Page 3

STATE OF COLORADO

CITY OF DENVER

I, Sheliff With, E, a Notary Public, do hereby certify that M. R. GILE and Rebeck Sinc Gree of the above named AMOCO ROCMOUNT COMPANY, personally known to me to be the same persons whose names are subscribed to the foregoing instrument as Vice President and Assistant Secretary, respectively, appeared before me this day in person, and acknowledged that they signed, sealed and delivered the said instrument as the free and voluntary act of said AMOCO ROCMOUNT COMPANY, and as their own free and voluntary act as Vice President and Assistant Secretary, respectively, for the uses and purposes therein set forth.

GIVEN under my hand and official seal this 26th day of January, 1995.

Notary Public

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change. Initial each listed item when completed. Write N/A if item is not applicable.

| Routing | |
|----------|--------|
| 1-16 | 6400 |
| 2-GV.HQ. | 7-KAS |
| 7-117 | R-SL |
| 4-VLD | 9-FILE |
| 5-JRB | |

| | | 5-IRB V |
|--|-------|---|
| | | nge of Operator (well-sold) Designation of Agent Operator Name Change Only |
| The | ope | rator of the well(s) listed below has changed, effective: 1-31-95 |
| TO | : (ne | w operator) (address) AMOCO PRODUCTION COMPANY PO BOX 800 DENVER CO 80201 FROM: (old operator) (address) PO BOX 800 DENVER CO 80201 AMOCO ROCMOUNT COMPANY PO BOX 800 DENVER CO 80201 |
| | | Phone: (303)830-5340 Account no. N0050 ED HADLOCK Phone: (303)830-5340 Account no. N1390 |
| WE | LL(| *ANSCHUTZ RANCH EAST UNIT |
| Name Name Name Name Name Name | | *SEE ATTACHED** API: #3-643 -3015 7 Entity: S T R Lease: API: Entity: S T R Lease: |
| _ | CRA | TOR CHANGE DOCUMENTATION |
| ال بور را | 1. | (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (feq. 2-19-98) (fel/d 2-26-98) |
| I'C | 2. | (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (fee'd 2-11-98) |
| <u>N/A</u> | 3. | The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) If yes, show company file number: |
| N/A | 4. | FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. |
| lec 1 | 5. | Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (2-He-98) * Qualtre Pro UIC " No Chy.", DBASE UIC " No Chy." (See Comments) |
| #4C_ | 6. | Cardex file has been updated for each well listed above. (2-76-98) |
| Jui- | 7. | Well file labels have been updated for each well listed above. (2-26-98) |
| the. | 8. | Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (2-26-48) |
| Lec | 9. | A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents. |

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES**

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals See Attached 1. TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL GAS WELL OTHER See Attached See Attached 2 NAME OF OPERATOR 9. API NUMBER: Amoco Production Company Attached 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: PHONE NUMBER: 501 Westlake Park Blvd Houston STATE TX ZIP 77079 See Attached (281) 366-5328 4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached COUNTY: See Attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION \square NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: **CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON** CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR **CHANGE TUBING** PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME WATER DISPOSAL PLUG BACK (Submit Original Form Only) **CHANGE WELL STATUS** PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: OTHER: Operator Name COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE Change CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION**

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.

Also attached for the Board's file is a copy of the Board Resolution approving the name change.

| NAME (PLEASE PRINT) Alan Woody | | TITLE | Regulatory Engineer | • |
|---------------------------------|----------|-------|---------------------|---|
| SIGNATURE | | DATE | 12/11/2001 | |
| This seems for State was suited | <i>y</i> | | RECEIVED | : |

DEC 13 2001

DIVISION OF OIL, GAS AND MINING UNITED STATES OF AMERICA STATE OF TEXAS COUNTY OF HARRIS CITY OF HOUSTON 20000

CERTIFICATE

M. S. Haskins, of lawful age, first being duly sworn on oath, deposes and says:

- That she is the duly elected, qualified and acting Assistant Secretary of Amoco Production Company, a corporation organized and existing under the laws of the State of Delaware, U.S.A.:
- 2. That on November 12, 2001, by consent action of the Board of Directors of Amoco Production Company (hereinafter referred to as "Company"), the following resolutions were adopted:

WHEREAS, in connection with BP America Inc.'s ("BP") integration of Atlantic Richfield Company ("ARCO") and Vastar Resources, Inc. ("Vastar"), BP has elected to reorganize, consolidate and merge its upstream onshore Lower 48 assets into a single legal entity to align BP's legal structure with its business organization and to improve operating efficiencies; and

WHEREAS, BP desires Amoco Production Company ("Company") to be such single legal entity for the purposes of such reorganization, consolidation and merger; and

WHEREAS such reorganization, consolidation and merger shall be accomplished by December 31, 2001 pursuant to a Reorganization Agreement ("Agreement") by and between ARCO and BP Company North America Inc. ("BP Company NA"), the parent of Company, resulting in ARCO's upstream onshore Lower 48 assets being transferred to Company and Vastar being merged into Company; and

WHEREAS, pursuant to such Agreement, asset, stock and liability transfers will occur in consideration for Class B common stock of BP Company NA and Company's agreement to assume all obligations and indemnify ARCO for all past and future liabilities relating to such transfers; and

WHEREAS, in connection with such reorganization, Company desires to change its name to BP America Production Company, effective December 31, 2001 with corporate seal as follows; and



WHEREAS all officers and directors of Company will remain unchanged.

NOW, THEREFORE, BE IT,

RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

FURTHER RESOLVED, Company will change its name and corporate seal to BP America Production Company, effective December 31, 2001 and all officers and directors will remain unchanged.

That the aforesaid resolutions have not been amended, rescinded, or annulled, but remain in full force and effect on the date hereof.

EXECUTED in the City of Houston, State of Texas, on this the 13 day of

[Çorporate Seal]

M. S.Haskins

SUBSCRIBED and sworn to before me this 13 day of November, 2001

(Notary Seal)

DENISE ROBERTSON
Nosacy Public, State of Texas
My Commission Expires
October 12, 2004

JANO POVOSA

| API Well Number | Operator | Well Name | Well Type | Well Status | Field Name | Sec | Twp-Rng |
|--------------------|--|------------------------------|-----------|----------------|--|-----|---------|
| | | ANSCHUTZ RANCH EAST W16-14 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | 16 | 4N-8E |
| 43-043-30106-00-00 | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST 34-2 | SWD | Active Well | | 34 | 4N-7E |
| | | ARE W20-08 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 20 | 4N-8E |
| | | ARE 29-04ST1 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 29 | 4N-8E |
| 43-043-30130-00-00 | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST E21-14 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | 21 | 4N-8E |
| 43-043-30135-00-00 | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W21-04 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | 21 | 4N-8E |
| 43-043-30136-00-00 | AMOCO PRODUCTION CO | ARE W29-02 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 29 | 4N-8E |
| 43-043-30138-00-00 | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W16-06 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | 16 | 4N-8E |
| 43-043-30139-00-00 | AMOCO PRODUCTION CO | ISLAND RANCHING C-1 | SWD | Active Well | 12.15-011-011-01-01-01-01-01-01-01-01-01-01-0 | 26 | 4N-7E |
| | | CHAMPLIN 372 AMOCO C 1 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 23 | 4N-7E |
| | The state of the s | ARE W20-14 | Gas Well | Producing Well | | 20 | 4N-8E |
| | AMOCO PRODUCTION CO | ARE W20-16 | Gas Well | Producing Well | 12.0011011 | 20 | 4N-8E |
| | AMOCO PRODUCTION CO | ARE W29-12 | Gas Well | Producing Well | 121 10 0220 12 22 23 | 29 | 4N-8E |
| | AMOCO PRODUCTION CO | ARE W30-16 | Gas Well | Producing Well | THE COLOR OF THE C | 30 | 4N-8E |
| | AMOCO PRODUCTION CO | ARE W36-16 | Gas Well | Producing Well | 111100110 14 14 14 14 14 14 14 | 36 | 4N-7E |
| 43-043-30159-00-00 | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W20-06 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | 20 | 4N-8E |
| | AMOCO PRODUCTION CO | ISLAND RANCHING D-1 | Gas Well | Shut_In | WEBER FORMATION | 14 | 4N-7E |
| | | ARE W32-04 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 32 | 4N-8E |
| 43-043-30164-00-00 | AMOCO PRODUCTION CO | ARE W31-08 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 31 | 4N-8E |
| | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W31-04 E | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | 31 | 4N-8E |
| 43-043-30167-00-00 | | ARE W36-08 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 36 | 4N-7E |
| 43-043-30168-00-00 | AMOCO PRODUCTION CO | CHAMPLIN 387 B1A | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | 9 | 3N-7E |
| 43-043-30170-00-00 | AMOCO PRODUCTION CO | CHAMPLIN 372 D-1 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 23 | 4N-7E |
| 43-043-30176-00-00 | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W17-16 | Gas Weil | Shut_In | ANSCHUTZ RANCH EAST | 17 | 4N-8E |
| 43-043-30183-00-00 | AMOCO PRODUCTION CO | ARE W30-08 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | | 4N-8E |
| 43-043-30185-00-00 | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W30-14 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | | 4N-8E |
| 43-043-30188-00-00 | AMOCO PRODUCTION CO | ARE W01-06 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | | 3N-7E |
| | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W31-12 | Gas Well | Shut_In | | | 4N-8E |
| | AMOCO PRODUCTION CO | ANSCHUTZ RANCH EAST W19-16 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | | 4N-8E |
| | AMOCO PRODUCTION CO | ARE W1-02 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | | 3N-7E |
| | AMOCO PRODUCTION CO | | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | | 4N-8E |
| | AMOCO PRODUCTION CO | | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | | 4N-8E |
| | AMOCO PRODUCTION CO | | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | | 4N-8E |
| | AMOCO PRODUCTION CO | | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | 30 | 4N-8E |

OPERATOR CHANGE WORKSHEET

ROUTING

| 1. GLH | 4-KAS |
|---------|--------|
| 2. CDW✓ | 5-LP |
| 3. JLT | 6-FILE |

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

| The operator of the well(s) listed below has changed, effective: | 12-31-2001 | | |
|--|---------------------------------|--|--|
| FROM: (Old Operator): | TO: (New Operator): | | |
| AMOCO PRODUCTION COMPANY | BP AMERICA PRODUCTION COMPANY | | |
| Address: 501 WESTLAKE PARK BLVD | Address: 501 WESTLAKE PARK BLVD | | |
| HOUSTON, TX 77079 | HOUSTON,TX 77079 | | |
| Phone: 1-(281)-366-5328 | Phone: 1-(281)-366-5328 | | |
| Account N0050 | Account N1990 | | |

CA No. Unit: ANSCHUTZ RANCH EAST

WELL(S)

| | API | ENTITY | SEC. TWN | LEASE | WELL | WELL |
|----------------------------|--------------|--------|----------|-------|------|--------|
| NAME | NO. | NO. | RNG | TYPE | TYPE | STATUS |
| ANSCHUTZ RANCH EAST W01-06 | 43-043-30188 | 4540 | 01-3N-7E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W01-02 | 43-043-30209 | 4540 | 01-3N-7E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W01-04 | 43-043-30270 | 4540 | 01-3N-7E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W01-12 | 43-043-30271 | 4540 | 01-3N-7E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W12-04 | 43-043-30283 | 4540 | 02-3N-7E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W11-1 | 43-043-30277 | 4540 | 11-3N-7E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W30-13 | 43-043-30279 | 4540 | 25-4N-7E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W36-08 | 43-043-30167 | 4540 | 36-4N-7E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W36-16 | 43-043-30157 | 4540 | 36-4N-7E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W36-10 | 43-043-30227 | 4540 | 36-4N-7E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W36-14 | 43-043-30255 | 4540 | 36-4N-7E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W16-06 | 43-043-30138 | 4540 | 16-4N-8E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W16-12 | 43-043-30231 | 4540 | 16-4N-8E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W16-14 | 43-043-30096 | 4540 | 16-4N-8E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W17-16 | 43-043-30176 | 4540 | 17-4N-8E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W19-16 | 43-043-30204 | 4540 | 19-4N-8E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W20-08 | 43-043-30123 | 4540 | 20-4N-8E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W20-14 | 43-043-30145 | 4540 | 20-4N-8E | FEE | GW | P |
| ANSCHUTZ RANCH EAST W20-06 | 43-043-30159 | 4540 | 20-4N-8E | FEE | GW | S |
| ANSCHUTZ RANCH EAST W20-16 | 43-043-30148 | 4540 | 20-4N-8E | FEE | GW | P |

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

12/13/2001

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:

12/13/2001

| 3. | 3. The new company has been checked through the Department of C | Commerc | e, Division of Carpor | ations Database on: | 12/14/2001 |
|----------|---|----------------------|--------------------------|----------------------------|---------------|
| 4. | 4. Is the new operator registered in the State of Utah: | 'ES | Business Number: | PENDING | |
| 5. | 5. If NO , the operator was contacted contacted on: | J/A | | | |
| 6. | 6. Federal and Indian Lease Wells: The BLM and or the E or operator change) for all wells listed on Federal or Indian leases | | approved the (mer | ger, name change, | |
| 7. | 7. Federal and Indian Units: The BLM or BIA has approved for wells listed on: | ed the s | uccessor of unit op | erator | |
| 8. | 8. Federal and Indian Communization Agreements ("change for all wells listed involved in a CA on: | CA"): ′ ¼A | The BLM or the BI | A has approved the | operator |
| 9. | 9. Underground Injection Control ("UIC") The Di for the enhanced/secondary recovery unit/project for the water dis | | = = | 5, Transfer of Authori N/A | ty to Inject, |
| D | DATA ENTRY: | | | | |
| 1. | 1. Changes entered in the Oil and Gas Database on: 12/1 | 7/2001 | - | | |
| 2. | 2. Changes have been entered on the Monthly Operator Change Sp | read She | eet on: 12/17/200 | <u>D1</u> | |
| 3. | 3. Bond information entered in RBDMS on: 12/1 | 1/2001 | | | |
| 4. | 4. Fee wells attached to bond in RBDMS on: 12/1 | 7/2001 | | | |
| S | STATE BOND VERIFICATION: | | 1400 100 100 | | |
| 1. | 1. State well(s) covered by Bond No.: | J/A | | | |
| IN 1. | INDIAN BOND VERIFICATION: 1. Indian well(s) covered by Bond No.: N | I/A | | | |
| FI | FEDERAL BOND VERIFICATION: | | | | |
| | | J/A | | | |
| F | FEE WELLS - BOND VERIFICATION/LEASE INTE | REST (| OWNER NOTIFIC | CATION: | |
| 1. | 1. (R649-3-1) The NEW operator of any fee well(s) listed has furnish | ned a bon | d: <u>103172911</u> | 249 | |
| 2. | 2. The FORMER operator has requested a release of liability from the The Division sent response by letter on: | eir bond o | on: <u>N/A</u> | | |
| 3. | 3. (R649-2-10) The FORMER operator of the Fee wells has been con of their responsibility to notify all interest owners of this change on | | d informed by a letter f | | |
| C | COMMENTS: | | | | |
| _ | | | | | |
| | | | | | |
| _ | | | | | |
| _ | | | | | |

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposes to diff near wate, significantly demand anothing with believe current toution hold dooth, receible of appealment of the complete of the | | 5. LEA | 5. LEASE DESIGNATION AND SERIAL NUMBER; | | | | | | |
|--|--|---|---|--------------------------|----------|-------------------------------|--|--|--|
| Type of NTENT Glower protections with state work will state: CARRO REPART | SUNDRY | 6. IF II | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | | | | |
| See Attached Attached See Attached See Attached Attached See Attach | | | L | | | | | | |
| 2. MAME OF CREMATOR: BP America Production Company 3. ADDRESS OF DEPARTOR: BP America Production Company 3. ADDRESS OF DEPARTOR: Attached 3. ADDRESS OF DEPARTOR: See Attached COUNTY: See Attached STATE: UTAH TYPE OF ACTION TYPE OF ACTION TYPE OF ACTION TYPE OF ACTION TOTACHER OF ACTION COUNTY: See Attached STATE: UTAH TYPE OF ACTION TERMOCRATICAL TOWNSHIP ACTION COUNTY: See Attached COUNTY: Se | 1. TYPE OF WELL OIL WELL | GAS WELL OTHER | See Attached | 1 | I _ | | | | |
| Altached Altached Software Production Company Appears of preserving Altached Appears Production Company App | 2. NAME OF OPERATOR: | | | | | | | | |
| See Attached LOCATION OF WELL TREE LOCATION | BP America Production C | ompany | | | | | | | |
| LOUNTY See Attached COUNTY See Attached STATE: UTAH 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF ACTION NOTICE OF INTENT GROWN TO PRACTURE TREAT AUTRICASHO APPROXIMATION AUTRICASHO PREPARED CHANGE TUBBRIG PRODUCTION STARTINESIME) WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER SHUT-OFF RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to: Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company Name FALL Title Attorncy-In-Fact Attorncy-In-Fact | | , Houston STATE TX ZII | ,77079 | 1 | | | | | |
| TYPE OF ACTION TYPE OF ACTION ACIDOS DEPTEN REPERPORATE CURRENT FORMATION PRODUCTION (STARTRESUME) WATER DISPOSAL WATER DISPOSAL COMMINGE PRODUCTION (STARTRESUME) WATER DISPOSAL COMMINGE PRODUCTION (STARTRESUME) WATER SHUT-OFF COMMINGE PRODUCTION (STARTRESUME) WATER DISPOSAL WATER DISPOSAL COMMINGE PRODUCTION (STARTRESUME) WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL COMMINGE PRODUCTION (STARTRESUME) WATER DISPOSAL COMMINGE PRODUCTION (STARTRESUME) WATER DISPOSAL W | | | | | 1 | | | | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION NOTICE OF INTENT ACIDIZE DEFEN REPERFORATE CURRENT FORMATION | FOOTAGES AT SURFACE: See A | ttached | | | COUN | ry: See Attached | | | |
| TYPE OF SUBMISSION NOTICE OF INTENT ACIDIZE DEEPN REPERFORATE CURRENT FORMATION SUBMINI LONGINGUAL PROPRIES THEAT SIDETRACK TO REPAIR WELL ALTER CASING FRACTURE RIEAT SIDETRACK TO REPAIR WELL ALTER CASING FRACTURE RIEAT SIDETRACK TO REPAIR WELL ALTER CASING PROPRIES THEAT SIDETRACK TO REPAIR WELL ALTER CASING PRACTURE RIEAT SIDETRACK TO REPAIR WELL CHANGE TO REPAIR PLUG BACK WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER DISPOSAL WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (STATT/RESUME) WATER SHUT-OFF OTHER: OTH | QTR/QTR, SECTION, TOWNSHIP, RAN | IGE, MERIDIAN: | | | STATE | | | | |
| TYPE OF SUBMISSION NOTICE OF INTENT ACIDIZE DEEPEN REPERPORATE CURRENT FORMATION SUBMINI ADDICATED DEEPEN REPERPORATE CURRENT FORMATION DEEPEN DEEPEN REPERPORATE CURRENT FORMATION DEEPEN 11. CHECK APPI | ROPRIATE BOXES TO INDICA | TE NATURE | OF NOTICE, REPO | RT. O | R OTHER DATA | | | |
| NOTICE OF INTENT (Submit in Duplicate) ALTER CASING ALTER CASING ALTER CASING ACPROXIMATE data work will start: CASING REPAIR CASING REPAIR CASING REPAIR CASING REPAIR CHANGE TURING CHANGE TURING REPAIR CHANGE TURING CHANGE WELL NAME CHANGE WELL NAME CHANGE WELL STATUS PLUG AND ABANDON VENT OR FLARE CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER CISPOSAL CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION START/RESUME) WATER SHUT-OFF CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION TRANSFERRY FORMATION TRANSFE | | | | | , • | | | | |
| Approximate date work well start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS COPENTOR CHANGE TUBING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS COPENTOR CHANGE TUBING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON CHANGE TUBING PLUG AND ABANDON VENT OR FLANE VENT OR FLANE PLUG AND ABANDON VENT OR FLANE M NOTICE OF BITCHT | ACIDIZE | | | | REPERFORATE CURRENT FORMATION | | | |
| CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR | | ALTER CASING | FRACTURE | TREAT | | | | | |
| CHANGE TURING SUBSEQUENT REPORT (Submit Original Form Only) Date Of Work completion: CHANGE WELL STATUS COMMINGLE PREDUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: TOWNERT WELL TYPE RECOMPLETE OFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to: Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company Name Fight Date Title Attorney-In-Fact Attorney-In-Fact | Approximate date work will start: | CASING REPAIR | NEW CONS | TRUCTION | \neg | TEMPORARILY ABANDON | | | |
| SUBSEQUENT REPORT Gubmid Original Form Only) Date of work completion: CHANGE WELL NAME PLUG BACK WATER DISPOSAL WATER SHUT-OFF | | CHANGE TO PREVIOUS PLANS | OPERATOR | CHANGE | \dashv | | | | |
| SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: CHANGE WELL STATUS CHANGE WELL S | | CHANGE TUBING | | | | | | | |
| CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE DIFFERENT FORMATION RECOMPLETE DIFFERENT FORMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE DIFFERENT FORMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE DIFFERENT FORMATION OTHER: CONVERT WELL TYPE RECOMPLETED OTHER: CONVERT WELL TYPE RECOMPLETED OTHER: CONVERT WELL STATUS OTHER: CONVERT | SUBSEQUENT REPORT | 1= | = | | | | | | |
| Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: RECOMPLETE-DIFFERENT FORMATION DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to: Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company Date 7/11 D3 BP America Production Company David 6. Paterson Title Attorney-In-Fact Attorney-In-Fact Attorney-In-Fact Attorney-In-Fact Attorney-In-Fact Attorney-In-Fact Date D | (Submit Original Form Only) | CHANGE WELL STATUS | | | | | | | |
| Describe Proposed or Completed Operations. Clearly show all pertinent details including dates, depths, volumes, etc. BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to: Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company Name First Noblem Title Volume Title Volume Attorney-In-Fact BP America Production Company David G. Peterson Title Attorney-In-Fact | Date of work completion: | 1= | = | , | 片 | | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to: Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company Name First Nollem Title 1.1 Signature Date 7/11 D3 BP America Production Company David G. Peterson Title Attorney-In-Fact | | | _ | | ш | OTHER: | | | |
| BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to: Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company Name First N. Ditm Title V. F. Signature Date 7/11 D3 BP America Production Company David G. Paterson Title Attorney-In-Fact | 40 0500005 00000000 | <u>, — </u> | | | - · · - | | | | |
| Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company NameFvvv Nolling TitleVvv Nolling TitleVvv Nolling Nollin | | | | | | | | | |
| 13727 Noel Road, Suite 500 Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company Name Fire No Digmany Signature Date 7/1/ D3 BP America Production Company David G. Peterson TITLE Attorney-In-Fact | BP America Production Co | ompany, effective May 1, 2003, h | nas transferre | ed its interest in the a | attache | ed list of properties to: | | | |
| Dallas, TX 75240 Transfer of operations is effective July 1, 2003. By Merit Energy Company NameFire N. Digm Title_V. P. Signature Date7/1/03 BP America Production Company David G. Peterson TITLE Attorney-In-Fact | Merit Energy Company | | | | | | | | |
| Transfer of operations is effective July 1, 2003. By Merit Energy Company Name First N. Digm Title V. P. Signature Date 7/1/03 BP America Production Company David G. Peterson TITLE Attorney-In-Fact | | 00 | | | | • | | | |
| By Merit Energy Company Name First N. Digm Title V. P. Signature Date 7/1/03 BP America Production Company NAME (PLEASE PRINT) Attorney-In-Fact | Dallas, TX 75240 | | | | | | | | |
| By Merit Energy Company Name First N. Diem Title V. P. Signature Date 7/1/03 BP America Production Company NAME (PLEASE PRINT) Attorney-In-Fact | Transfer of operations is e | offective July 1, 2003 | | | | | | | |
| Name_First N. Diem Title V. P. Signature Date 7/1/03 BP America Production Company David G. Peterson Title Attorney-In-Fact | randidi di opolationa la c | neouve duly 1, 2003. | | | | | | | |
| Name_First N. Diem Title V. P. Signature Date 7/1/03 BP America Production Company David G. Peterson Title Attorney-In-Fact | | | | | | | | | |
| BP America Production Company David G. Peterson TITLE Attorney-In-Fact | By Merit Energy Company | | | | | | | | |
| BP America Production Company David G. Peterson TITLE Attorney-In-Fact | $F \rightarrow N \cdot D \cdot \dots A \cdot D \cdot \dots$ | | | | | | | | |
| BP America Production Company David G. Peterson TITLE Attorney-In-Fact | Name / VV | · · VIII | ritle <u>V</u> | | | | | | |
| $A \rightarrow A \rightarrow$ | | h. []. | 7 | 11/03 | | | | | |
| $A \rightarrow A \rightarrow$ | BP America Product | ion Company David 6. P. | terson mi | Atto | mey- | -In-Fact | | | |
| | SIGNATURE Jail | Cetenn | | | | | | | |

(This space for State use only)

RECEIVED

JUL 0 3 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

| API Well Number | Operator | Well Name | Well Type | Well Status | Field Name | County Name | Location (Two-Rng) | Section Qtr/Qtr | FLNS NS | Ft.EW EW |
|--------------------|--------------------------|------------------------|----------------|----------------|---------------------|-------------|--------------------|-----------------|----------------|--------------------|
| 43-043-30096-00-00 | BP AMERICA PRODUCTION CO | ARE W16-14 | Gas Well | Shut In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 16 NWSW | 21 37 S | Ft. EW EW 686 W |
| 43-043-30106-00-00 | BP AMERICA PRODUCTION CO | ARE 34-2 | Water Disposal | Active Well | ANSCHUTZ RANCH | SUMMIT | 4N-7E | 34 NWNW | 1036 N | 1100 W |
| 43-043-30123-00-00 | BP AMERICA PRODUCTION CO | ARE W20-08 | Gas Well | Shut_in | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 SENE | 2202 N | 1592 E |
| 43-043-30129-00-00 | BP AMERICA PRODUCTION CO | ARE 29-04ST1 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 29 NWNW | 627 N | 435 W |
| 43-043-30130-00-00 | BP AMERICA PRODUCTION CO | ARE E21-14 | Gas Well | Shut In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 21 NWSW | 2365 S | 200 W |
| 43-043-30135-00-00 | BP AMERICA PRODUCTION CO | ARE W21-04 | Gas Well | Shut In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 21 NWNW | 1063 N | 401 W |
| 43-043-30136-00-00 | BP AMERICA PRODUCTION CO | ARE W29-02 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 29 NWNE | 662 N | 2460 E |
| 43-043-30138-00-00 | BP AMERICA PRODUCTION CO | ARE W16-06 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 16 SENE | 1314 N | 618 E |
| 43-043-30139-00-00 | BP AMERICA PRODUCTION CO | ISLAND RANCHING C-1 | Water Disposal | Active Well | ANSCHUTZ RANCH | SUMMIT | 4N-7E | 26 SWSE | 1324 S | 1722 E |
| 43-043-30143-00-00 | BP AMERICA PRODUCTION CO | CHAMPLIN 372 AMOCO C 1 | Gas Well | Shut_in | ANSCHUTZ RANCH | SUMMIT | 4N-7E | 23 NWNW | 860 N | 536 W |
| 43-043-30145-00-00 | BP AMERICA PRODUCTION CO | ARE W20-14 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 NWSW | 1518 S | 1283 W |
| 43-043-30148-00-00 | BP AMERICA PRODUCTION CO | ARE W20-16 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 SWSE | 257 S | 1640 E |
| 43-043-30154-00-00 | BP AMERICA PRODUCTION CO | ARE W29-12 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 29 NWSW | 2204 S | 22 W |
| 43-043-30156-00-00 | BP AMERICA PRODUCTION CO | ARE W30-16 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 30 NESE | 1345 S | 968 E |
| 43-043-30157-00-00 | BP AMERICA PRODUCTION CO | ARE W36-16. | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-7E | 36 SESE | 890 S | 447 E |
| 43-043-30159-00-00 | BP AMERICA PRODUCTION CO | ARE W20-06 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 NWNW | 1291 N | 936 W |
| 43-043-30162-00-00 | BP AMERICA PRODUCTION CO | ARE W32-04 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 32 NWNW | 642 N | 791 W |
| 43-043-30164-00-00 | BP AMERICA PRODUCTION CO | ARE W31-08 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 31 NWNE | 468 N | 2201 E |
| 43-043-30165-00-00 | | ARE W31-04E | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 31 NWNW | 111 N | 737 W |
| 43-043-30167-00-00 | | ARE W36-08 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-7E | 36 SENE | 1641 N | 1183 E |
| 43-043-30168-00-00 | | CHAMPLIN 387 B1A | Gas Well | Shut_In | ANSCHUTZ RANCH | SUMMIT | 3N-7E | 9 SWNW | 1837 N | 1286 W |
| 43-043-30170-00-00 | BP AMERICA PRODUCTION CO | CHAMPLIN 372 D-1 | Gas Well | Producing Well | ANSCHUTZ RANCH | SUMMIT | 4N-7E | 23 NESE | 2170 S | 680 E |
| 43-043-30176-00-00 | BP AMERICA PRODUCTION CO | ARE W17-16 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 17 NWSE | 1765 S | 1444 E |
| 43-043-30183-00-00 | BP AMERICA PRODUCTION CO | ARE W30-08 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 30 SENE | 2109 N | 665 E |
| 43-043-30185-00-00 | | ARE W30-14 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 30 SESW | 1195 S | 1405 W |
| 43-043-30188-00-00 | BP AMERICA PRODUCTION CO | ARE W01-06 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 3N-7E | 1 SENW | 1777 N | 1666 W |
| 43-043-30190-00-00 | BP AMERICA PRODUCTION CO | ARE W31-12 | Gas Well | Shut_in | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 31 SWNW | 1778 N | 640 W |
| 43-043-30204-00-00 | BP AMERICA PRODUCTION CO | ARE W19-16 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | Summit | 4N-8E | 19 SWSE | 1229 S | 1350 E |
| 43-043-30209-00-00 | | ARE W01-02 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 3N-7E | 1 NENW | 386" N | 2013 W |
| 43-043-30215-00-00 | 8P AMERICA PRODUCTION CO | ARE W30-10 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 30 NWSE | 2230 S | 2432 E |
| 43-043-30216-00-00 | BP AMERICA PRODUCTION CO | ARE W30-15 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 30 SESW | 626 S | 2848 E |
| 43-043-30217-00-00 | BP AMERICA PRODUCTION CO | ARE W31-06 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 31 SENW | 1397 N | 2181 W |
| 43-043-30218-00-00 | | ARE W30-02 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 30 NWNE | 715 N | 2182 E |
| 43-043-30220-00-00 | BP AMERICA PRODUCTION CO | ARE W20-12 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 NWSW | 2531 S | 7 W |
| 43-043-30226-00-00 | 8P AMERICA PRODUCTION CO | ARE E28-06 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 28 SENW | 1900 N | 1652 W |
| 43-043-30227-00-00 | BP AMERICA PRODUCTION CO | ARE W36-10 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-7E | 38 NESW | 2315 S | 3185 E |
| 43-043-30228-00-00 | BP AMERICA PRODUCTION CO | ARE W20-02 | Gas Well | Shut_in | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 NWNE | 319 N | 2000 E |
| 43-043-30229-00-00 | BP AMERICA PRODUCTION CO | ARE W20-10 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 SENW | 2560 N | 2567 W |
| 43-043-30231-00-00 | BP AMERICA PRODUCTION CO | ARE W16-12 | Gas Welf | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 16 SWNW | 2756 S | 454 W |
| 43-043-30238-00-00 | BP AMERICA PRODUCTION CO | ARE W20-04 | Gas Well | Shut_in | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 NWNW | 702 N | 414 W |
| 43-043-30248-00-00 | BP AMERICA PRODUCTION CO | ARE W30-12A | Gas Injection | Inactive Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 30 NWSW | 1886 S | 47 W |
| 43-043-30250-00-00 | BP AMERICA PRODUCTION CO | ARE W29-06A | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 29 SENW | 15 13 N | 1548 W |
| 43-043-30251-00-00 | BP AMERICA PRODUCTION CO | ARE W29-14A | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 29 NWSW | 1786 S | 795 W |
| 43-043-30255-00-00 | BP AMERICA PRODUCTION CO | ARE W36-14 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-7E | 36 SESW | 901 S | 1780 W |
| 43-043-30257-00-00 | BP AMERICA PRODUCTION CO | ARE E28-12 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 28 NWSW - | 1994 S | 806 W |
| 43-043-30265-00-00 | BP AMERICA PRODUCTION CO | ARE W2-10 | Gas Injection | Inactive Well | ANSCHUTZ RANCH EAST | SUMMIT | 3N-7E | 2 NWSE | 1959 S | 1463 E |
| 43-043-30270-00-00 | BP AMERICA PRODUCTION CO | ARE W01-04 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 3N-7E | 1 SWNW | - 697 N | 465 W |
| 43-043-30271-00-00 | BP AMERICA PRODUCTION CO | ARE W01-12 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 3N-7E | 1 NWSW | 2072 S | 1669 W |
| 43-043-30272-00-00 | BP AMERICA PRODUCTION CO | ARE W19-08 | Gas Injection | Inactive Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 19 SENE | 2227 N | 301 E |
| | | | | | | | | | | |

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

| 43-043-30273-00-00 | BP AMERICA PRODUCTION CO | ARE W30-06 | Gas Well | Shut_in | ANSCHUTZ RANCH EAST | SUMMIT | 4N- 8 E | 30 SENW | 2393 S | 1645 W |
|--------------------|--------------------------|------------|----------|----------------|---------------------|--------|----------------|---------|--------|--------|
| 43-043-30277-00-00 | BP AMERICA PRODUCTION CO | ARE W11-1 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 3N-7E | 11 NENE | 533 N | 1486 E |
| 43-043-30279-00-00 | BP AMERICA PRODUCTION CO | ARE W30-13 | Gas Well | Shut_In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-7E | 25 SESE | 597 S | 382 E |
| 43-043-30280-00-00 | BP AMERICA PRODUCTION CO | ARE W31-05 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 31 SWNW | 2361 N | 282 E |
| 43-043-30283-00-00 | BP AMERICA PRODUCTION CO | ARE W12-04 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 3N-7E | 2 SESE | 373 S | 865 E |
| 43-043-30286-00-00 | BP AMERICA PRODUCTION CO | ARE W20-09 | Gas Well | Producing Well | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8Æ | 20 SENE | 2360 N | 430 E |
| 43-043-30291-00-00 | BP AMERICA PRODUCTION CO | ARE W20-03 | Gas Well | Shut In | ANSCHUTZ RANCH EAST | SUMMIT | 4N-8E | 20 SESW | 641 S | 1810 W |

OPERATOR CHANGE WORKSHEET

ROUTING 1. GLH 2. CDW 3. FILE

X Change of Operator (Well Sold)

5. If **NO**, the operator was contacted contacted on:

Designation of Agent/Operator

Operator Name Change

Merger

| N1990-BP America Production Company 501 WestLake Park Blvd Houston, TX 77079 | The operator of the well(s) listed below has changed, effective: FROM: (Old Operator): | | | | | | | |
|--|---|-----|------|---|-------------|--------|------|--------|
| 501 WestLake Park Blvd | | | | TO: (New Operator): N4900-Merit Energy Company | | | | |
| | | | | | | | | |
| Houston, 1A //0/9 | | | | 13727 Noel Road, Suite 500 Dallas, TX 75240 | | | | |
| | | | | · | | | | |
| Phone: (281) 366-2000 | | | | Phone: | (972) 628-1 | | | |
| CA No. | | | | Unit: | ANSCHUT | ZRANCH | EAST | |
| WELL(S) | | | | | | | | |
| NAME S | EC T | WN | RNG | API NO | ENTITY | LEASE | WELL | WELL |
| | | | | | NO | TYPE | TYPE | STATUS |
| | | | | 4304330188 | 4540 | | GW | Р |
| | | | | 4304330157 | 4540 | | GW | Р |
| | | | | 4304330167 | 4540 | | GW | S |
| | | | | 4304330096 | 4540 | | GW | S |
| | | | | 4304330138 | 4540 | | GW | \$ |
| | | | | 4304330176 | 4540 | | GW | S |
| | 20 04 | | | 4304330123 | 4540 | FÉE | GW | S |
| | 20 04 | 40N | 080E | 4304330145 | 4540 | FEE | GW | Р |
| | 20 04 | 40N | 080E | 4304330148 | 4540 | FEE | GW | Р |
| | 20 04 | 40N | 080E | 4304330159 | 4540 | FEE | GW | S |
| ARE E21-14 2 | 21 04 | 40N | 080E | 4304330130 | 4540 | FEE | GW | S |
| ARE W21-04 2 | 21 04 | 40N | 080E | 4304330135 | 4540 | FEE | GW | S |
| ARE 29-04ST1 2 | 29 04 | 40N | 080E | 4304330129 | 4540 | FEE | GW | P |
| ARE W29-02 2 | 29 04 | 40N | 080E | 4304330136 | 4540 | FEE | GW | Р |
| ARE W29-12 2 | 29 04 | 40N | 080E | 4304330154 | 4540 | FEE | GW | P |
| ARE W30-16 3 | 30 04 | 40N | 080E | 4304330156 | 4540 | FEE | GW | Р |
| ARE W30-08 3 | 3O 04 | 40N | 080E | 4304330183 | 4540 | FEE | GW | Р |
| ARE W30-14 3 | 30 04 | 40N | 080E | 4304330185 | 4540 | FEE | GW | s |
| ARE W31-08 3 | 31 04 | 40N | 080E | 4304330164 | 4540 | FEE | GW | Р |
| ARE W31-04E 3 | 31 04 | 40N | 080E | 4304330165 | 4540 | FEE | GW | s |
| ARE W32-04 3 | 32 04 | 40N | 080E | 4304330162 | 4540 | FEE | GW | Р |

| 6. | (R649-9-2)Waste Management Plan has been received on: | IN PLACE | _ |
|-----------|---|------------------|-------------------------------|
| 7. | Federal and Indian Lease Wells: The BLM and or the Boundary or operator change for all wells listed on Federal or Indian leases on | IA has approve | d the merger, name change, |
| 8. | Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for | wells listed on: | n/a |
| 9. | Federal and Indian Communization Agreements ("C The BLM or BIA has approved the operator for all wells listed with | | n/a |
| 10 | Underground Injection Control ("UIC") The Division for the enhanced/secondary recovery unit/project for the water dispersion. | | |
| D. | ATA ENTRY: | | |
| 1. | Changes entered in the Oil and Gas Database on: | 8/26/2003 | - |
| 2. | Changes have been entered on the Monthly Operator Change Spre | ead Sheet on: | 8/26/2003 |
| 3. | Bond information entered in RBDMS on: | 8/26/2003 | |
| 4. | Fee wells attached to bond in RBDMS on: | 8/26/2003 | . |
| S7 | FATE WELL(S) BOND VERIFICATION: State well(s) covered by Bond Number: | n/a | |
| | EDERAL WELL(S) BOND VERIFICATION: Federal well(s) covered by Bond Number: | n/a | |
| IN 1. | DIAN WELL(S) BOND VERIFICATION: Indian well(s) covered by Bond Number: | n/a | |
| | EE WELL(S) BOND VERIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed covered by E | Bond Number | 103912218 |
| 2. | The FORMER operator has requested a release of liability from their The Division sent response by letter on: | bond on; n/a | n/a |
| | EASE INTEREST OWNER NOTIFICATION: | | |
| 3. (| (R649-2-10) The FORMER operator of the fee wells has been contact of their responsibility to notify all interest owners of this change on: | 8/26/2003 | by a letter from the Division |
| CO | MMENTS: | | |
| | | | |
| | | | |
| | | | |

Michael O. Leavitt Governor Robert L. Morgan Executive Director

Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY

August 26, 2003

Bruce Williams
BP America Production Company
501 WestLake Park Blvd
Houston, TX 77079

www.nr.utah.gov

Subject:

Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

The Division has processed your request for an operator change from BP America Production Company to Merit Energy Company effective July 1, 2003 for the attached list of fee wells.

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association PO Box 1292 Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell

Engineering Technician

Attachment

cc:

Merit Energy Company

Utah Royalty Owners Association





MICHAEL R. STYLER Executive Director

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

GARY R. HERBERT Lieutenant Governor

August 26, 2008

CERTIFIED MAIL NO. 7004 2510 0004 1824 6053

Mr. Michael Mercer Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240

Third Notice of Extended Shut-in and Temporarily Abandoned Well Requirements for Re: Fee or State Leases

Dear Mr. Mercer:

As of July 2008, Merit Energy Company has fifteen (15) Fee Lease Wells that are in noncompliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status (see attachment A). All wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

On January 22, 2004 the Division notified Merit by certified mail 24 wells were on the SI/TA list. Merit responded by letters of February 13, 2004, November 10, 2004, and January 5, 2005, with evaluation plans for each of the 24 wells. By the time an extension of SI/TA status was granted to Merit by the Division on April 8, 2005, six of the original 24 wells had been returned to production.

To date, 10 of the original 24 wells remain as SI/TA. Two wells were producing briefly in 2005 but have since returned to SI/TA status. These wells are listed as number 8 and number 10 on Attachment A. Two additional wells (ARE W36-08 API# 43-043-30167 & ARE 29-04 ST1 API# 43-043-30129) were producing briefly for 3 months in 2007, but are now showing as SI, and will soon be added to this list.

Five (5) new wells have been added to the current list. These are the wells numbered 11 through 15 on Attachment A

Page 2 August 26, 2008 Mr. Mercer

Please submit your plans to produce or plug these wells to DOGM within 30 days of this notice or a Notice of Violation (NOV) will be issued.

For extended SI/TA consideration of each well on the SI/TA list, the operator shall provide the Division with the following:

- 1. Reasons for SI/TA of the well (R649-3-36-1.1).
- 2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
- 3. An explanation and supporting data if necessary, showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence/or absence of Underground Sources of Drinking Water, and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).

- 1. Wellbore diagram, and
- 2. Copy of recent casing pressure test, and
- 3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
- 4. Fluid level in the well bore, and
- 5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely.

Dustin K. Doucet Petroleum Engineer

JP/js

Attachment

cc:

Well File

Operator Compliance File

ATTACHMENT A

| | Well Name | API | Lease Type | Years Inactive |
|------|------------------------|--------------|------------|--------------------|
| 1_1_ | CHAMPLIN 387 B1A | 43-043-30168 | Fee | 14 Years 3 Months |
| 2 | ARE W16-12 | 43-043-30231 | Fee | 12 Years 11 Months |
| 3 | ARE W16-14 | 43-043-30096 | Fee | 12 Years 9 Months |
| 4 | ARE W31-12 | 43-043-30190 | Fee | 11 Years 11 Months |
| 5 | ARE W31-04E | 43-043-30165 | Fee | 5 Years 10 Months |
| 6 | CHAMPLIN 372 AMOCO C 1 | 43-043-30143 | Fee | 6 Years 8 Months |
| 7 | ARE W16-06 | 43-043-30138 | Fee | 3 Years 1 Month |
| 8 | ARE W20-06 | 43-043-30159 | Fee | 2 Years 10 Months |
| 9 | ARE W17-16 | 43-043-30176 | Fee | 1 Year 9 Months |
| 10 | ARE W20-02 | 43-043-30228 | Fee | 2 Years 0 Months |
| | | Newly Added | d | |
| 11 | ARE W20-12 | 43-043-30220 | Fee | 2 Years 3 Months |
| 12 | ARE W31-06 | 43-043-30217 | Fee | 1 Year 5 Months |
| 13 | ARE W31-08 | 43-043-30164 | Fee | 1 Year 6 Months |
| 14 | ARE W36-16 | 43-043-30157 | Fee | 1 Year 3 Months |
| 15 | ARE E28-06 | 43-043-30226 | Fee | 1 Year 1 Month |



GARY R. HERBERT Lieutenant Governor

State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAELR, STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA Division Director

January 21, 2009

Mr. Nicholas Tunnell Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State

Leases dated August 26, 2008.

Dear Mr. Tunnell:

The Division of Oil, Gas and Mining (the Division) is in receipt of your letter dated October 17, 2008 in regards to the fifteen (15) shut-in or temporarily abandoned (SI/TA) Fee Lease Wells (Attachment A) operated by Merit Energy Company (Merit).

The Division does not object to the proposed work on the said wells. Several of the wells listed look as though they may have integrity. However, due to insufficient evidence the Division is unable to grant extended SI/TA status for these wells. Not enough data was received per R649-3-36 providing proof of integrity or lengths of time wells are expected to be shut-in. The Divisions preferred method of demonstrating well integrity is to perform an MIT. Please submit the necessary information to bring these wells back into compliance. Please note, approval will be necessary prior to continuing with the planned work for these wells.

Please submit an individual sundry for each well along with required information to help expedite approval and documentation processes. If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet Petroleum Engineer

DKD/JP/js Enclosure cc: Well Files

Compliance File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA



ATTACHMENT A

| | Well Name | API | Lease Type | Years Inactive |
|-----|------------------------|--------------|------------|--------------------|
| 1 | CHAMPLIN 387 B1A | 43-043-30168 | Fee | 14 Years 3 Months |
| 2 | ARE W16-12 | 43-043-30231 | Fee | 12 Years 11 Months |
| 3_ | ARE W16-14 | 43-043-30096 | Fee | 12 Years 9 Months |
| 4 | ARE W31-12 | 43-043-30190 | Fee | 11 Years 11 Months |
| 5_ | ARE W31-04E | 43-043-30165 | Fee | 5 Years 10 Months |
| 6 | CHAMPLIN 372 AMOCO C 1 | 43-043-30143 | Fee | 6 Years 8 Months |
| _7_ | ARE W16-06 | 43-043-30138 | Fee | 3 Years 1 Month |
| _8_ | ARE W20-06 | 43-043-30159 | Fee | 2 Years 10 Months |
| 9_ | ARE W17-16 | 43-043-30176 | Fee | 1 Year 9 Months |
| 10 | ARE W20-02 | 43-043-30228 | Fee | 2 Years 0 Months |
| 11 | ARE W20-12 | 43-043-30220 | Fee | 2 Years 3 Months |
| 12 | ARE W31-06 | 43-043-30217 | Fee | 1 Year 5 Months |
| 13 | ARE W31-08 | 43-043-30164 | Fee | 1 Year 6 Months |
| 14 | ARE W36-16 | 43-043-30157 | Fee | 1 Year 3 Months |
| 15 | ARE E28-06 | 43-043-30226 | Fee | 1 Year 1 Month |

13727 Noel Road · Suite 500 · Dallas, Texas 75240

Ph 972.701.8377 · Fx 972.960.1252 · www.meritenergy.com

October 17, 2008

State of Utah – Department of Natural Resources Division of Oil, Gas, & Mining Attn: Mr. Dustin Doucet PO Box 145801 Salt Lake City, UT 84114-5801

Dear Mr. Doucet:

In response to your letter dated August 26, 2008, I would like to submit the attached supporting documentation regarding our extended shut-in wells.

Enclosed, please find a summary sheet with Merit Energy Company's future plans for each of the wells listed in your letter, a sheet with explanations and supporting data showing each well's integrity, as well as wellbore diagrams for the subject wells.

If you have any questions or wish to discuss this further, please contact me at (972) 628-1084 or electronically at nick.tunnell@meritenergy.com.

Sincerely,

Nicholas R. Tunnell Operations Engineer

Merit Energy Company

Michales 25 muel

UTAH DOGM - SI WELL LIST

| Lait | Integrat/ | 2004 | |
|-------|--------------|---------------------|---|
| | NP | ✓• | CHAMPLIN 387 B1A - Plan to P&A well in March 2009 due to availability of rig. Bridge broken history |
| 3/95 | O.C. | • | ARE W16-12 — Plan to run slickline to verify PBTD, swab test Nugget to evaluate potential, if unsuccessful, will attempt a Twin Creek completion. |
| | Ź | (. | ARE W16-14 – Plan to run slickline to verify PBTD, swab test Nugget to evaluate potential, if unsuccessful, will attempt a Twin Creek completion. |
| 1/04 | | • | ARE W31-12 - Plan to swab test the Nugget, if unsuccessful, will attempt a Twin Creek completion. |
| 11/49 | \checkmark | \(\sigma \) | ARE W31-04 Plan to swab test Nugget, if unsuccessful, will attempt a Twin Creek completion. |
| :2001 | O.K. | • | CHAMPLIN 372 C1 – Swabbed in October 2004. Swab results were encouraging. There are no production facilities or flowlines in place. Merit is in the process of trying to buy a flowline in the area to tie into, at which point Merit will attempt to reactivate the well in the Nugget or attempt a Twin Creek completion. |
| 2001 | | V • | ARE W16-06 – Ran ESP in the well, unsuccessful due to water volumes, will attempt a the sector score to \$2001. |
| 2004 | O.K. | V • | ARE W20-06 — Tested upper zone of Nugget in 2004, unsuccessful, plan to drill out cement & CIBP and produce lower zone. |
| | | V• | ARE W17-16 – SI due to availability of gas lift gas, gas is available, plan to kick well off with gas lift, if unsuccessful, will attempt a Twin Creek completion. |
| 2,550 | | • | ARE W20-02 – Installed conventional gas lift, unsuccessful, plan to run survey to evaluate reverse gas lift potential, if unsuccessful, will attempt Twin Creek completion. |
| 2003 | | • | ARE W20-12 – Installed conventional gas lift, cycling gas, plan to run survey to evaluate reverse gas lift potential, if unsuccessful, will attempt Twin Creek completion. |
| 2004 | OK. | • | ARE W31-06 - Plan to install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion. 2 ระกร ร |
| | NP | • | ARE W31-08 – Rig on location, squeezed off casing leak, drilling out cement, plan to install reverse gas lift to reactivate well, if unsuccessful, will attempt Twin Creek completion. |
| _ | / | • | ARE W36-16 — Coll tubing gas lift design in the well, plan to pull the coll tubing and installed a completion |
| 2005 | O.V. | • | ARE W28-06 – Collapsed casing at 12,678', will attempt a Twin Creek completion. ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ |

UTAH DOGM - SI WELL LIST

| Wells to be R | Reactivated in 2009 | | | |
|---------------------------|---|---------------------------|---------------------------|------------------------------------|
| ARE | W16-12 | | | · The [19 |
| 0 | | 10,304 | | insp 2006 00 |
| 0 | Top of cement (TOC) at | 10,100 (9-5/8" | casing) | INSP 2006 0 0 |
| 0 | | 50# | 3 / | 2005 0 130 |
| 0 | Casing Pressure | 0# | | 724 42 A |
| 0 | The packer is located below | the TOC. The tubin | ng pressure and casin | a proceure are 2018 a a |
| | different. Therefore, the casi waters are protected. | ing and tubing are n | ot in communication | and the ground |
| • ARE | W16-14 | | | 7007 O NA |
| O | Packer (PBR) at | 40 E00 | | 2006 O NA |
| 0 | Top of cement (TOC) at | 10,500 | !··· ·· · · · · | |
| 0 | Tubing Pressure | 9,650 (9-5/8" ca 1650# | asing) | 2005 0 NA |
| 0 | Casing Pressure | 850# | | 2014 1500 250 2003 100 0 |
| 0 | | | 2 at 10 500. This is he | elow the TOC for the 190 4600 157: |
| | 9-5/8" casing string. The tubi | ng pressure and ca | sing proceure are diff | forest Therefore |
| | the casing and tubing are no | t in communication | and the ground water | |
| ARE V | V31-12 | | and the ground water | 7 (V/T IVE) |
| 0 | Packer at | none | | NA NA |
| 0 | Top of cement (TOC) at | 10,700 | | 2005 NA IVA |
| 0 | Casing Pressure | 100# | | 2004 NA NA |
| 0 | Fluid Level | 1000' from Surf | ace | 2003 480 O |
| 0 | There is not a packer or tubir | ng in this well. The s | static fluid level is 100 | 0' from surface. |
| | There is a 13-3/8" casing stri | ng set at 2846', a 9 | -5/8" casing string set | at 10272' and a 7" |
| | rie-nack casing string set at s | 9919'. These three o | casing strings are pro- | tecting the ground |
| 4001 | waters. | | | - |
| | V31-04 | | | 2007 30 20. |
| | Packer at | 14,000 | | 0,006 (50 0 |
| 0 | Top of cement (TOC) at | 11,900 | | 2005 150 30 |
| 0 | Tubing Pressure Casing Pressure | 1000# | | 2004 1200 25 |
| 0 | This well is a harizontal sidet | 0# | | 2003 0 0 |
| O | This well is a horizontal sidete | The kick off a sint for | ement job on the original | inal production |
| | casing had a TOC at 11,900. Additionally, the drill string was | The Kick-on point to | or the norizontal leg is | below this depth. |
| | estimated to be between 131: | 26 and 13310 Race | nonzoniai section witi | the IOC |
| | pressures are different, the tw | vo are not in commi | inication and therefor | tubing and casing |
| | waters are protected. | io dio not in oomini | ameation and therefor | |
| CHAM | PLIN 372 C1 | | | 2007 00 |
| 0 | Packer at | 8,320 (MD) | 6,648 (TVD) | 2006 600 0 |
| 0 | Top of cement (TOC) at | 4,906 | 0,0 10 (1 4 5) | 2005 6 0 |
| 0 | Tubing Pressure | 0# | | 2003 00 |
| 0 | Casing Pressure | 0# | | 2003 0 |
| 0 | The 4-1/2" liner is cemented in | n place at 5090 (bei | low the TOC). | 2007 NANA |
| ARE W | ⁷ 16-06 | | • | 7 104 |
| 0 | Packer at | none | | 2006 NANA 2004 NANA |
| . 0 | Top of cement (TOC) at | 12,640 | | 2004 NANA |
| 0 | Casing Pressure | 0# | | 2003 0 0 |
| 0 | When Merit set a packer in Od | ctober 2004, we pre | essure tested the anni | ulus to 500 psi and |
| , ADE 184 | it held. Therefore, the casing t | has integrity and the | e ground waters are p | rotected. |
| ARE W | | | | 2007 120 100 |
| • 0 | Packer at | 12,858' | | |
| 0 | Top of cement (TOC) at | 9,650' (9-5/8" ca | sing) | 2006 220 250 2007 350 350 |
| 0 | Tubing Pressure | 0# | | · · |
| 0 | Casing Pressure | 0# | | |
| O | When Merit set the packer in | June 2004, we pres | sure tested the annul | us to 500 pší and it |
| | held. There is a 13-3/8" casin | y sumy set at 5411 | , ผ ษ-๖/୪″ casing strin | g set at 11330', |

UTAH DOGM - SI WELL LIST

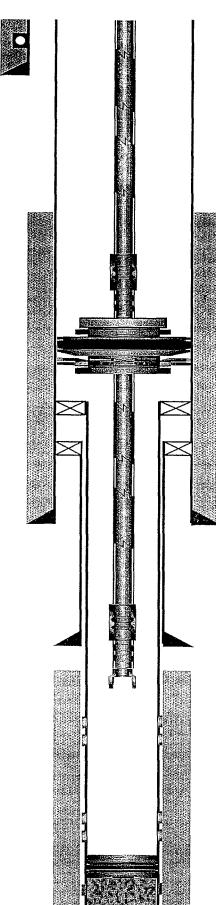
and a 7" tie-back casing string set at 10079'. These three casing strings are protecting the ground waters.

| | | the ground waters. | | • • | | 3 |
|---|--------|---|----------------------------------|----------------------|---------------|------------------|
| • | ARE V | V17-16 | | 200 | 7 1/80 | (300) |
| | ٥ | Packer | 13,747' | 2000 | | 1100 |
| | 0 | Top of cement (TOC) at | 10,371' (7-5/8" casing | | | % 0 |
| | 0 | Tubing Pressure | 78# | 2-00 | _ | 3 |
| | 0 | Casing Pressure | 53# | 200 | | 0 |
| | 0 | There is a 13-3/8" casing string | n set at 2526' a 0.5/9" a | | | |
| | | tie-back casing string set at 10 | 237' These three cosin | asing string set a | at 10701, a | nd a /" |
| | | waters. | zor. mese illee casil | ig surings are prot | | |
| • | ARE V | | | 200- | | දුරට |
| | 0 | Packer at | 12,646' | 2006 | | 1200 |
| | o | Top of cement (TOC) at | 8,910' (7" casing) | 2005 | t | 1150 |
| | 0 | Tubing Pressure | 384# | 2004 | _ | 1000 |
| | 0 | Casing Pressure | 310# | 2003 | 0 | 0 |
| | 0 | | 310# Last of E140' = 0 5/0" = | 1490 | 5500 | 0 |
| | · | There is a 13-3/8" casing string casing string set at 13928'. The | j set at 5 140 , a 9-5/8° 0 | asing string set a | it 10934', ai | nd a 7" |
| • | ARE W | casing string set at 13928'. Tho /20-12 | se unee casing sirings | are protecting th | e ground w | aters. |
| | 0 | Packer at | 40.0001 | 2007 200 5 | 435 NA | 680 680 |
| | 0 | Top of cement (TOC) at | 12,863' | • | tro | 800 |
| | 0 | Tubing Pressure | 10,372' (9-5/8" casing 912# | 2003 | 0 | o we truckent |
| | 0 | Casing Pressure | 930# | | | |
| | 0 | | | | | |
| | ŭ | There is a 13-3/8" casing string | 100' Those three seets | asing string set a | t 11245', ar | nd a 7" |
| | | tie-back casing string set at 10 waters. | i oa . Tilese ultee casini | | | round |
| • | ARE W | | | 2007 0 | | |
| | 0 | Packer at | 10284' | 2006 250 | | |
| | 0 | Top of cement (TOC) at | 9996' (7" casing) | 2005 0 | 425 | |
| | 0 | Tubing Pressure | 0# | 2003 200 | 940 | |
| | 0 | Casing Pressure | 0# | 24, | 920 | |
| | 0 | There is a 13-3/8" casing string | set at 2301' a 0-5/8" o | acina otrina oot o | 100001 | 1 - -7 11 |
| | | casing string set at 14033'. The | se three casing strings | asing string set at | r 10009, ar | id a /" . |
| • | ARE W | 36-16 | oo anoo odonig sanigs | - 0 | _ | aters. |
| | 0 | Packer (PBR) at | 10,680 | 2 | | |
| | 0 | Top of cement (TOC) at | 10,172 (7" casing) | | _ | |
| | 0 | Tubing Pressure | 1357# | 2005 500 | | |
| | 0 | Casing Pressure | 0# | g | 0 | |
| | 0 | The packer is located below the | TOC. The tubing press | sure and casing n | raccura ara | |
| | | different. Therefore, the casing | and tubing are not in co | mmunication and | the ground | ; 1 |
| | | waters are protected. | 0 | | | A |
| • | ARE E2 | ¹ 8-06 | | 2005 0 | Ō | |
| | 0 | Packer at | none | 2004 180 | 0 | |
| | 0 | Top of cement (TOC) at | 11,900' (7" casing) | , | 1350 | |
| | 0 | Tubing Pressure | 0# | 2003 200 | 1990 | |
| | | Casing Pressure | 0# | | | |
| | 0 | There is a 13-3/8" casing string | set at 3988', a 9-5/8" ca | sing string set at | 12990' an | d a 7" |
| | | ne-back casing string set at 123 | 13'. These three casing | strings are profe | cting the ar | ound |
| | | waters. | | | g a to gi | Varia |

waters.

AREW31-08

2007 1220 NA
2007 0 0
2004 NA 0
2003 180 0



| WELL | NAME: | ARE | W16-12 | | | FIE | LD: AN | SCHUTZ RA | NCH EAST |
|------------|----------|-----|--------|-------|-------------------------------|-------|---------|-----------|----------|
| QTR Ç | TR: | | SEC | : | 16 | TWN: | 4N | RNG: | 8E |
| COUN. | | SUM | IMIT | | ST: | UT | SPUD DA | TE: | |
| KB: | 7387 | GL: | 7360 | TD: | 15112 | PBTD: | 13395 | | |
| LAST (| JPDATED: | | 10/ | 11/04 | 200 200 200 200 200 200 | BY: | | MIKE ME | RCER |

CASING DETAILS

| PURPOSE S | SIZE | WEIGHT | GRADE | SET DEPTH |
|----------------|----------------|------------|-------------|---------------|
| SURFACE | 13-3/8" | 61-72# | S-80, HC-95 | 4862' |
| INTERMEDIATE S | 9-5/8", 9-7/8" | 53.5-62.8# | S-95, S-105 | 11757' |
| INTERMEDIATE : | 7-5/8" | 45.3# | P-110 | F/10852-12102 |
| PRODUCTION ! | 5" | 17.93# | P-110 | F/10473-15105 |

TUBING DETAILS

| DESCRIPTION | SIZE | WEIGHT | GRADE | SET DEPTH |
|----------------|-----------------|--------|--------------|-----------|
| КВ | | | | 27.00 |
| XO | 3-1/2" X 2-7/8" | | | |
| 229 JTS | 2-7/8" | 8.7# | PH-6 | |
| XO | | | | |
| 89 JTS | 2-7/8" | 8.6# | L-80 | |
| R-NIPPLE | 2.215" | | | 10,272.00 |
| 1 JT | 2-7/8" | 8.7# | L-80 | |
| BAKER 51A2 | | | | 10,304.00 |
| XO | 2-7/8" X 2-3/8" | | | |
| 86 JTS | 2-3/8" | 4.7# | J-55 CS-HYDR | |
| XN NIPPLE | 1.875" W/ 1.791 | | | 12,981.00 |
| 1 JT | 2-3/8" | 4.7# | J-55 CS-HYDR | |
| XO | | | | |
| WL REENTRY | | | | 13,015.00 |
| Donad on OCIOS | IOE WING | | | |

Based on 06/02/95 WBS

WELL HISTORY:

| Apr-85 | Sqz Z2, perf Z1 & Z2 |
|--------|--|
| | Sqz upper Z1 |
| Sep-86 | Reperf lower Z1 & Z2 |
| Jul-87 | PLT run |
| Jul-89 | Opened 9-5/8" casing |
| Sep-91 | Re-sqzd and mechanically isolated upper Z1 |
| May-95 | Downsized f/ 3-1/2" to 2-3/8" tubing. Reperf Z1 & upper Z2 |
| | |
| | |
| | |
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| | |
| | |

TOC @ 12890'

NUGGET PERFS

13130-156, 13166-181 13194-232, 13240-244

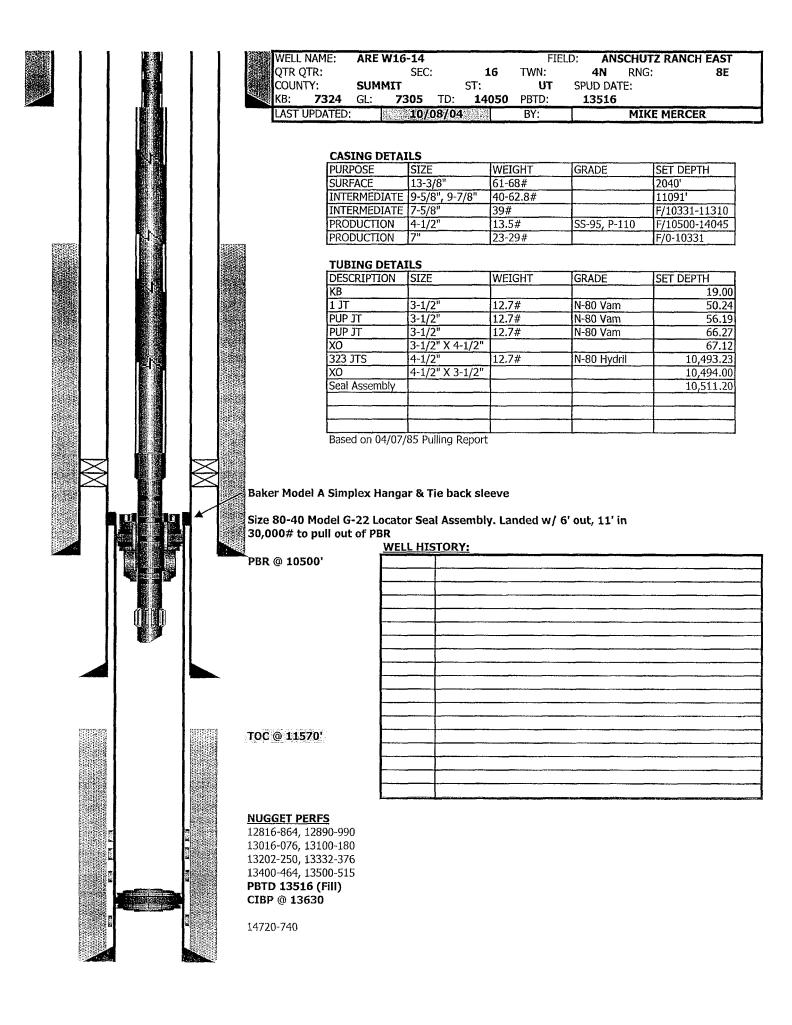
NUGGET PERFS

13252-264, 13275-313 13325-344, 13352-376

CICR @ 13420' w/ 25' cmt on top **SQZD PERFS**

13394-474, 13480-520

13552-648, 13684-728 13738-750



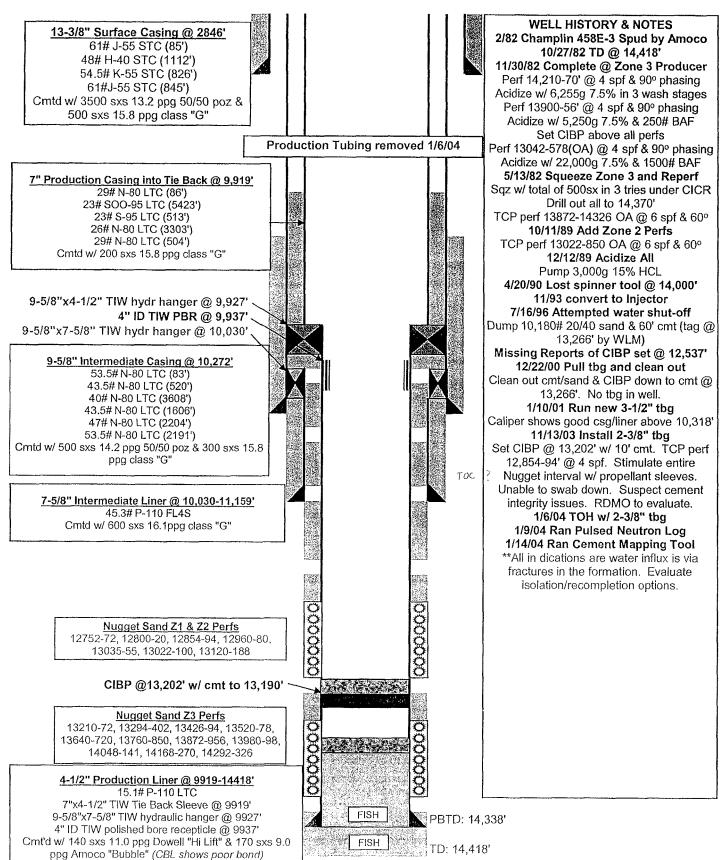
ANSCHUTZ RANCH EAST UNIT W31-12



Summit County, Utah
Location: 640' FWL & 1778' FNL Sec 31-T4N-R8E
Flevation: 7870' GL / 7890' KB

Elevation: 7870' GL/ 7890' KB Last Updated by LLT 2/12/2004





| | | WELL NAM QTR QTR: | | W16- | - 06 SEC: | | 1.6 | FIELI TWN: | | HUTZ RNG: | RANCH EAS | |
|--------------|----------|------------------------------------|----------------|--------------|--|----------------------------|----------------|--------------------------|---------------------|--------------|---------------------------------------|-------------|
| | l | COUNTY: | | MIT | JLC. | ST: | | UT | SPUD DATE: | | 0 | L |
| | | | 344 GL: | | 14 | | 493 | PBTD: | · | | | |
| | | LAST UPDA | ATED: | | 09/1 | 3/05 | L | BY: | | MIKE | MERCER | |
| | | | | | | | | | | | | |
| | | | CASING I | DETAI | LS | | | | | | | |
| | ļ | | PURPOSE | | SIZE | | WEI | SHT . | GRADE | S | ET DEPTH_ | 7 |
| | | | SURFACE | | 13-3/ | | 54.5 | | K-55 | | 998' | |
| | | | INTERMED | | | | 40-4 | | S-95 | | 999' | _ |
| | | | PRODUCT | | 4-1/2 | | 45.3 13.5 | | P-110 P-110 | | /7657-12044 /11007-1395 | |
| | | | | | 1 | | 110.0 | | 11 110 | | 11007 1333 | |
| | | | | | | | | | | | | |
| | | | TUBING I | | | | 1, , , , , , , | | 105105 | 1_ | | _ |
| | | | DESCRIPT KB | ION | SIZE | | WEI | JHT | GRADE | S | ET DEPTH 30.0 | |
| | | | IND. | | | | ├ | | | | 30,1 | 20 |
| | | | | | | | | | | | | 7 |
| | | Tite Spot | | | | | | | | | | |
| | | 8060-8200 | ļ | | ļ | | | | | | | _ |
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| | | | | | | | | | | | | |
| | | TOL @ 11007' | | | ļ | · | | | | | | _ |
| | | 10L @ 11007 | | | | | | | | | · | \dashv |
| | 1 | | <u> </u> | | | | | | | | | \dashv |
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| 1 | 1 | | | | | | | | | | | |
| | | | | | | | | | | | | 4 |
| 88 72 | 1900 | TOC @ 12640' | | | L | | L | ********* | l | | · · · · · · · · · · · · · · · · · · · | |
| | | a pasasa a see a see a made pasa e | Ī | WEL | L HIS | TORY: | | | | | | |
| | | | | Oct | | | | | Perf 13835, | sqz w/ | 100 sxs | |
| | | | | - | | Perf 13800 | | | 200-7 50/ 1 | 101 | | |
| | | | | | | | | acidize w/ 1 | 200g 7.5% l | TCL. | | |
| | | | | — | | | | | .350g 7.5% h | HCL | | |
| | | | | Nov | /-81 | Perf 13794 | -796. | Sqz 13794- | 796, 13812-8 | 30 w/ | 200 sxs | |
| | | | | | | | | | 00g 7.5% H | | | |
| | | | | Dec | | | | Sqz 13/55- Sqz w/ ??? | 780 w/ 150 s Sys | XS | | |
| | | NUGGET PERFS | <u>s</u> | | | | | | .500g 15% H | ICL | | |
| | <u> </u> | 13440-458, 1348 | 80-548 | | | Set CICR @ | 1368 | 37, sqz w/ ? | ?? Sxs | | | |
| <u> </u> | | Three cones of | f bit | <u>Jan</u> | | | | | | ze w/ 2 | 2200g 7.5% l | HCL |
| | | CICR @ 13563 | , | | | | | 13480-548, 7.5% HCL | 132\Q-Q10 | | | |
| | | NUGGET PERFS | | 08/0 | | | | 63, sqz w/ 3 | 80 sxs | | | · |
| | | 13578-610, 1366 | | 08/1 | 2/91 | Milled tite s | pot ir | casing f/8 | 060-8200 w/ | 6.28" | OD tapered n | nill |
| | | OTDD @ 40cco | (040774) | | | | | 13480-548 | | | | |
| | | CIBP @ 13688' NUGGET PERFS | | | | 11H W/ 3-3, Lost 3 cone | | | 13449', DO to | 0 1349 | 8 | |
| | | 13755-770, 1377 | | | | | | | impression h | lock. c | ircle in center | |
| | Ţ | 13792-794, 1379 | | | | | | | to 13508. Rec | | | |
| | | 13800 (SQZ) | | | | | | v/ 27' landir | | | | |
| THE STATE | | 13812-830 | | <u> </u> | | | | | | | | |
| | | 13835 (SQZ) | | L | | | | | | | | |
| | | CICR @ 13850 | • | | ОТНЕ | R INFORM | МДТТ | ON: | | | | |
| | | NUGGET PERFS | | r | | | | | s are covered | Lun | | |
| | | 13896-908 | | 1 | | | _ ,, | pon | 5576100 | p• | | |
| | | 13918 (SQZ) | | | | | | | | | | |
| | | | | 1 | | | | | | | | |

MERIT ENERGY COMPANY

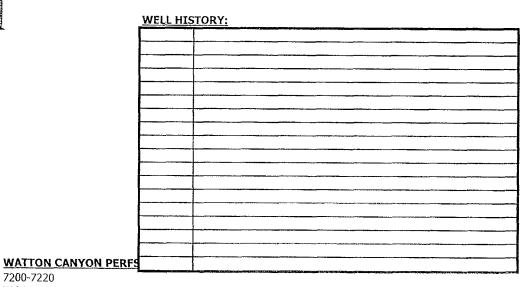
| WELL | NAME: | CHAI | APLIN 38 | 7 B1/ | 1 | FIELD: ANSCHUTZ RANCH EAST | | | |
|-------|----------|------|----------|-------|---------|----------------------------|---------|--------|----------|
| QTR (| QTR: | | SEC | : | 9 | TWN: | 3N | RNG: | 7E |
| COUN | ITY: | SUM | MIT | | ST: | UT | SPUD DA | TE: | 10/04/80 |
| KB: | 7342 | GL: | 7327 | TD: | 8309 | PBTD: | 7800 | | • • |
| LAST | UPDATED: | | 01/ | 11/05 | 5 4 5 4 | BY: | | MIKE M | IERCER |

CASING DETAILS

| PURPOSE | SIZE | WEIGHT | GRADE | SET DEPTH |
|------------|--------|---------|-------|-----------|
| SURFACE | 9-5/8" | 32.3# | | 1412' |
| PRODUCTION | 7" | 23, 26# | | 8299' |
| | | | | |

TUBING DETAILS

| | SIZE | WEIGHT | GRADE | SET DEPTH |
|----|----------|--------|-------|-----------|
| KB | | | | 15.00 |
| | | | | |
| | 10-1 | BG D | ETAII | _\$ |
| | | | | - |
| | | | | |
| | | | | |
| | | | | |
| | <u> </u> | | | |



7200-7220 7224-7230, 7248-7256 7268-7274, 7282-7298 7308-7314, 7332-7350 7390-7404, 7432-7446 7500-7520, 7540-7550 CICR @ 7800 7818-7910

CICR @ 7900 8018-8101

WELLBORE DI. AM
Field: Anschutz he ,ch
Well: CH 372 C #1

SEC: 23 TWP:

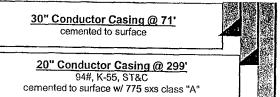
4N RGE: 7E

KB 16.70 DEPTH KB Ingram Cactus 11" 3M by 7" 5M w/R2 bottom & 6" bowl tbg spool (7" 26# csg stub landed in slips) Note: Casing pressure tested from 0-3600' to 1000 pslg 2/16/01 - passed 9 5/8" 32.3# H-40 ST & C csg set at 1518' NOTE: HOLE IN CSG at 3612 (Casing patch set from 3582' to 3635') 2-3/8" 4.7# EUE 8md Tubing Annulus pressure tested to 1000 psig (2/27/2001) 4-1/2" 12.60# Tubing run to surface New Vam Beveled Couplings 4-1/2" Liner Top with BPR Cement top 7" per CBL on 2/15/98. Cemented in place at 5090' logged by Schlumberger at 4906' + -Inflatible packer 8320' MD ECP 7750' MD Openhote Whipstock at 5600' MD (5513' TVD) Shoe 7850' MD TD = 8608 MD NOTE: Twin Creek & Nugget squeezed off as follows, 6648' TVD 2/12/98 pumped 410 sx "G" + additives no pressure " 26# S-95 & K-55 casing - 2296.62" MIN MAX 2/13/98 pumped 100 sx "G" neat & 200 sx "G" + additives ID <u>OD</u> Cement cap at 6018.22' - tagged via tbg no pressure 2/14/98 pumped 50sx 10-0 RFC and obtain 1150 psi squeeze 5.5* 2/14/98 pump 20 sx "G" for topout cmt cap on top of retainer Halliburton Model "HCS" cement retainer 6051.98' (set via tbg - Bottom at 6054.11') Cut off 2 3/8" 4.7# N-80 CS hydril tbg 1,901" 2,375* 6071' 6089 491 - X-Over: 2 3/8" CS to 2 3/8" 8rd 1.901" 3.062* Spacer tube 1.901" 2.375 6090.29 Baker model A-5 dual packer 6092,81 1,901" 6.093 Spacer tube, short string: Spacer tube, X-over, 2 3/8" pup, Model "E" hyd 6098.13' rip sub, 2 3/8" pup, Model "F" nipple, Perf'd pup, "X-Over: 2 3/8" to 2 3/8" 10rd to 8rd 2,875" 6099.43' 1 jt 2 3/8" tbg, Baker mode("R" nipple, Mule shoe "X-Over. 2 3/8" to 2 7/8" 8rd 1.901 3.00* 6099.75 Avg OD's & ID's: ID 1.901" & OD 2.92" -Perf'd tubing: 4 shots (4 spf) 6103.57 Overall length: 48,73° EOT at 6141.54* 2.441" 3.668" 6100.07 -29 jts of 2 7/8" 6.5# 8rd tbg Tbg collars: 3.668" - Tube: 2.875" Twin Creek Perfs: 6155' thru 6980' Baker Model "F" nipple 1.87" 3.6875 6994.86 1 jt of 2 7/8" 6.5# Brd tbg 2.441" 3,668" 6995.87 Baker model G-22 locator assembly 2.406* 3,46875 7023.95' Baker model "retrieva D" packer 7025' Baker model 80-32 seal assembly 2.406* 2,688* 7036.66. X-Over: 2 3/8* 10rd BX by BX 1.906" 3.062 7037,09 X-Over: 2 3/8" NU to EU 1.906" 3.062 7037.46' 1 jt of 2 3/8" EU 8rd 1.901" 3,062* 7069.12' Nugget Perfs -Baker model "R" nipple 1.760* 2.927 7069.891 7056' thru 7098' - Mule shoe collar 1.901" 2,92 7071.21 FISH: 2 3/8" tbg (25') PBTD: Prod Casing: 7" 23# & 26# at 7300.25' -TD: 7300.25'

ANSCHUTZ RANCH EAST UNIT W31-04

Summit County, Utah Location: 731' FWL & 87' FNL Sec 31-T4N-R7E Elevation: 7894' GL/ 7926' KB Last Updated by CAM 12/17/2007





13-3/8" Surface Casing @ 2,672' 541' of 61# K-55; 321' of 54.5# K-55; 1119' of 61# J-55; 39' of 61# S-80; 620' of 61# J-55; ALL ST&C

Cmt w/ 1700 sxs 50/50 Poz/"A" & 636 sxs class "G" neat.

9-5/8" Intermediate Casing @11,695' 257' of 53.5# S-95; 1112' of 47# S-95; 1314' of 43.5# S-95; 1609' of 40# S-95; 1555' of 43.5# S-95; 2035' of 47# S-95; 848' of 53.5# S-95; 1055' of 53.5# S-95; 856' of 53.5# CYS-95; 1027' of 62.8# S-105

ALL LT&C Cemented with 2200 sxs of Class G

> Squeeze 10340'-342 Holes 10550'-552 11052'-054 SQZD 11708'-710' SQZD

Top of poor cement at 11900'

Squeeze perfs: 12994-96

Whipstock

12995'

Cement

PBTD: 14,202'

Ö

13268-72 Squeeze perfs: 13416-19

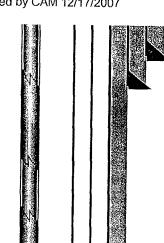
Nugget Sand Z1/Z2 Perfs

12998-13000(SQZD w/200 sxs), 13055-13096, 13111-128, 13138-187, 13200-232, 13257-261(SQZD w/50 sxs) 13290-13356, 13376-13450

13515'

Nugget Sand Z2/Z3 Perfs

13588-13630, 13660-13760, 13790-13850, 13874-13932, 14030-14070, 14100-14140



WELL HISTORY & NOTES

11/82 Completed as a Z1/Z2/Z3 Injector Acidize w/ 8000 gals 7.5% HCL

8/82 Set cmt RET and squeeze

Set @11760'; Pump 75 sxs G cmt; Perf 13588-590, 13582-584, 13420-22, set retainer @13438, squeeze DO cmt 12623-13012, pressure test ok 7/93 Run replacement pkr and tubing

string 1/96 Replace tubing string with 13%

chrome Good 900 psi casing test 11/99 Drill 2 laterals and cement 4" DP and perf Notes:

From reports is it suspected that the south lateral has a significant amount of cement. High water rates are the reason the well was shut-in. Highest recorded water rate was 250 bwpd in 2000.

O 7" DV tool @ 11836'

Tubing Detail(North Lateral):

3-1/2" 12.7# VAM N-80 set at 12.860' X-over: 3-1/2" x 4-1/2" x-over: 4-1/2" x 4" HT 38 4" HT 38 Drill pipe to 13970' MD (??TVD) Baker payzone pkr @ 14,000 MD 76' ft of logging tools at 14,478' MD Cemented to 13130'

4" DP perforated from 13,310'-13460'; 13,820'-13,970'

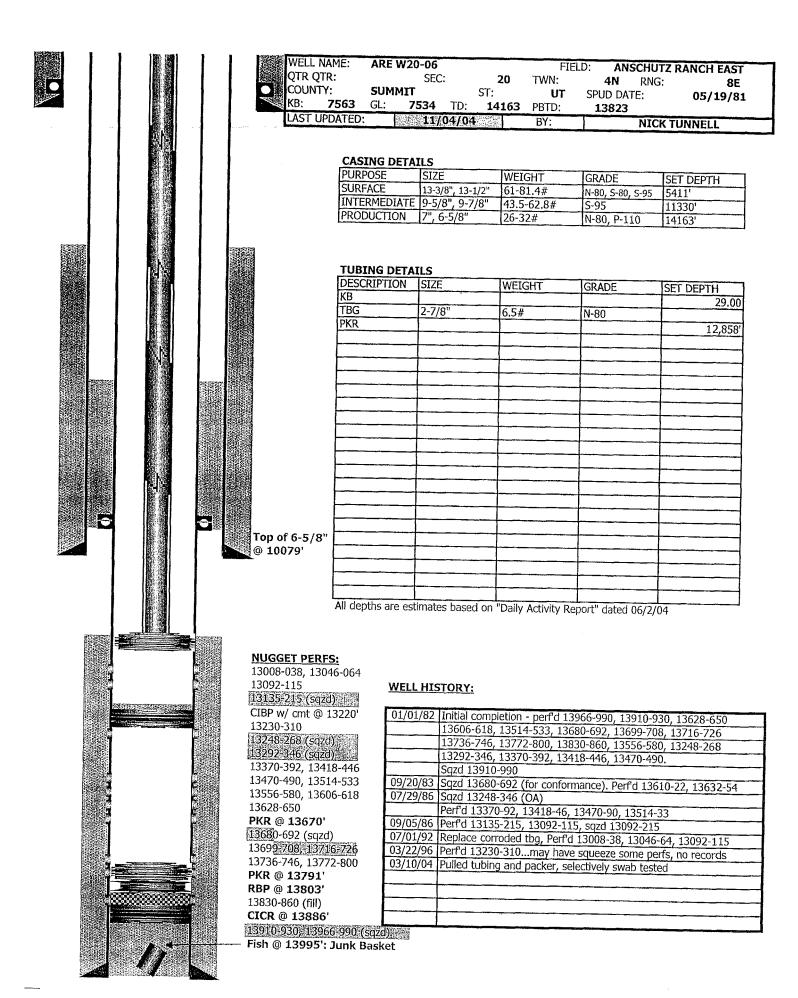
Tubing Detail(South Lateral):

Kickoff from North lateral @ 13,126 5-7/8" OH to plug @ 14023'

7" Production Casing @14,303'

816': 26# S-95 8rd 4358': 23# S-95 8rd 4066': 26# S-95 8rd 394': 32# N-80 8rd 1290': 32# S-95 8rd 898': 35# S-95 2459': 32# S-95 cemented with 325 sxs Class G

TD @ 14,303' TVD South Lateral TD: 14,023' MD North Lateral TD: 14,478' MD



| | LD: ANSCHU | TZ RANCH EAST |
|--|----------------------|-----------------|
| QTR QTR: SEC: 17 TWN: COUNTY: SUMMIT ST: UT | 4N RNG SPUD DATE: | : 8E |
| KB: 7375 GL: 7350 TD: 14671 PBTD: | 14140 | |
| LAST UPDATED: 10/16/08 BY: | NIC | K TUNNELL |
| | | |
| CASING DETAILS | | |
| PURPOSE SIZE WEIGHT SURFACE 13-3/8" | GRADE | SET DEPTH |
| INTERMEDIATE 9-5/8" | | 2526' 10701' |
| INTERMEDIATE 7-5/8" | | F/10371-11800 |
| PRODUCTION 5" 18# PRODUCTION 7" | P-110 | F/10237-14671 |
| PRODUCTION I/ | _L | F/0-10237 |
| TUBING DETAILS | | |
| DESCRIPTION SIZE WEIGHT | GRADE | SET DEPTH |
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| TOC @ 10371' | | |
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| WELL HISTORY: | | |
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| | | |
| PKR @ 13747' | | |
| FAR @ 15/4/ | | |
| | | |
| | | |
| | | |
| TOC @ 13100' | | |
| | | |
| NUGGET PERFS | | |
| 13806-844, 13864-912 | | |
| 13932-976, 14010-040 | | |
| 14064-094 | | |
| | | |
| CICR @ 14140' | | |





WELL NAME: QTR QTR:

ARE W20-02

TWN: ST: UT

ANSCHUTZ RANCH EAST FIELD: 4N RNG:

05/01/83

SUMMIT SPUD DATE: 13928 12950 7331 GL: 7310 TD: PBTD: LAST UPDATED: 11/09/07

CASEY MORTON BY:

CASING DETAILS

| PURPOSE | SIZE | WEIGHT | GRADE | SET DEPTH |
|--------------|------------------|------------|--------------|-----------|
| SURFACE | 13-3/8", 13-5/8" | 54.5-88.2# | K-55, HC-95 | 5140' |
| INTERMEDIATE | 9-5/8", 9-7/8" | 47-62.8# | MC-95, S-105 | 10934' |
| PRODUCTION | 7" | 32-35# | N-80, S-95 | 13928' |

Has an additional 20" surface casing string set @ 60', not shown on WBS

TUBING DETAILS

| DESCRIPTION | SIZE | WEIGHT | GRADE | SET DEPTH |
|-------------|-----------------|--------|-------|-----------|
| KB | | | | 21.00 |
| 82 JTS | 2-7/8" | 6.5# | N-80 | 2,650.53 |
| GLV #7 | 2-7/8" | | | 2,657.57 |
| 78 JTS | 2-7/8" | 6.5# | N-80 | 5,139.88 |
| GLV #6 | 2-7/8" | | | 5,146.91 |
| 68 JTS | 2-7/8" | 6.5# | N-80 | 7,311.03 |
| GLV #5 | 2-7/8" | | | 7,318.05 |
| 58 JTS | 2-7/8" | 6.5# | N-80 | 9,167.66 |
| GLV #4 | 2-7/8" | | | 9,174.68 |
| 48 JTS | 2-7/8" | 6.5# | N-80 | 10,692.10 |
| GLV #3 | 2-7/8" | | | 10,699.12 |
| 34 JTS | 2-7/8" | 6.5# | N-80 | 11,784.19 |
| GLV #2 | 2-7/8" | | | 11,791.22 |
| 24 JTS | 2-7/8" | 6.5# | N-80 | 12,558.46 |
| GLV #1 | 2-7/8" | | | 12,565.48 |
| 1 JT | 2-7/8" | 6.5# | N-80 | 12,597.76 |
| X NIPPLE | 2.313" | | | 12,598.80 |
| 1 JT | 2-7/8" | 6.5# | N-80 | 12,631.08 |
| ON/OFF TOOL | 2-7/8" X 5-1/2" | | | 12,632.90 |
| PUP JT | 2-7/8" | 6.5# | N-80 | 12,638.98 |
| ASI-X PKR | 2-7/8" X 7" | | | 12,646.52 |
| PUP JT | 2-7/8" | 6.5# | N-80 | 12,652.60 |
| XN NIPPLE | 2.313" W/ NO GO | | | 12,653.73 |
| PUP JT | 2-7/8" | 6.5# | N-80 | 12,659.78 |
| WL REENTY | 2-7/8" | | | 12,660.46 |

Based on 03/18/04 Pulling Report

NUGGET Z1 PERFS

DV Tool at 12203'

12739-768, 12778-784 12792-811, 12831-864 12890-899, 12912-924

WELL HISTORY:

| 08/18/83 | Perf Z3 f/ 13476-560, acidize w/ 6300g 10% HCL |
|----------|--|
| | Perf Z2 f/ 13004-430 (OA) w/ TCP. |
| | Acidize all w/ 600 bbls acid |
| 10/17/84 | Left 7' of PLT tool in hole |
| 01/08/86 | Sqz 13004-108 w/ 150 sxs |
| | Perf Z1 f/ 12739-924 (OA) w/ TCP (no stimulation) |
| 02/15/86 | PLT indicates flow f/ 5 of 11 zones |
| 07/29/86 | Test lower Z2 & Z3 |
| 09/09/86 | Convert to injection, perf Z2 f/ 13005-065, 13080-110 |
| 03/01/95 | Convert to production |
| | Attempt WSO, spot 27 bbl cmt f/ 12950-13628 (tagged @ 12951) |
| 02/01/04 | Set CIBP at 12990? RIH with gas lift |
| | |

NUGGET Z2 PERFS

13005-065, 13080-110 (w/ 1/4 spf, 0 phasing)

13127-152, 13164-220

13232-256, 13280-308

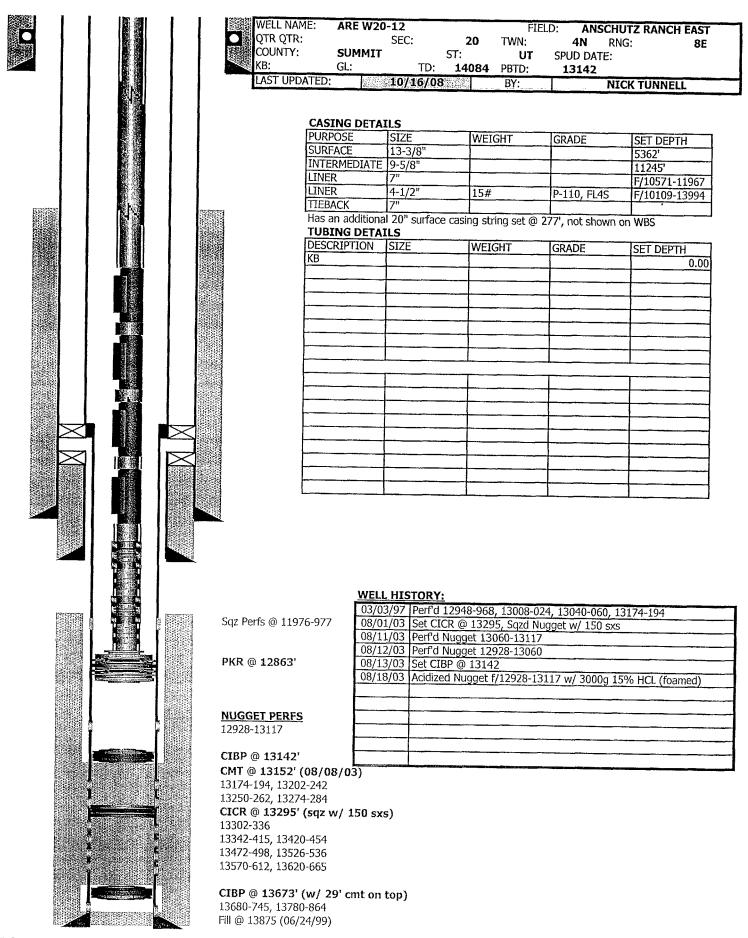
13320-360, 13372-430

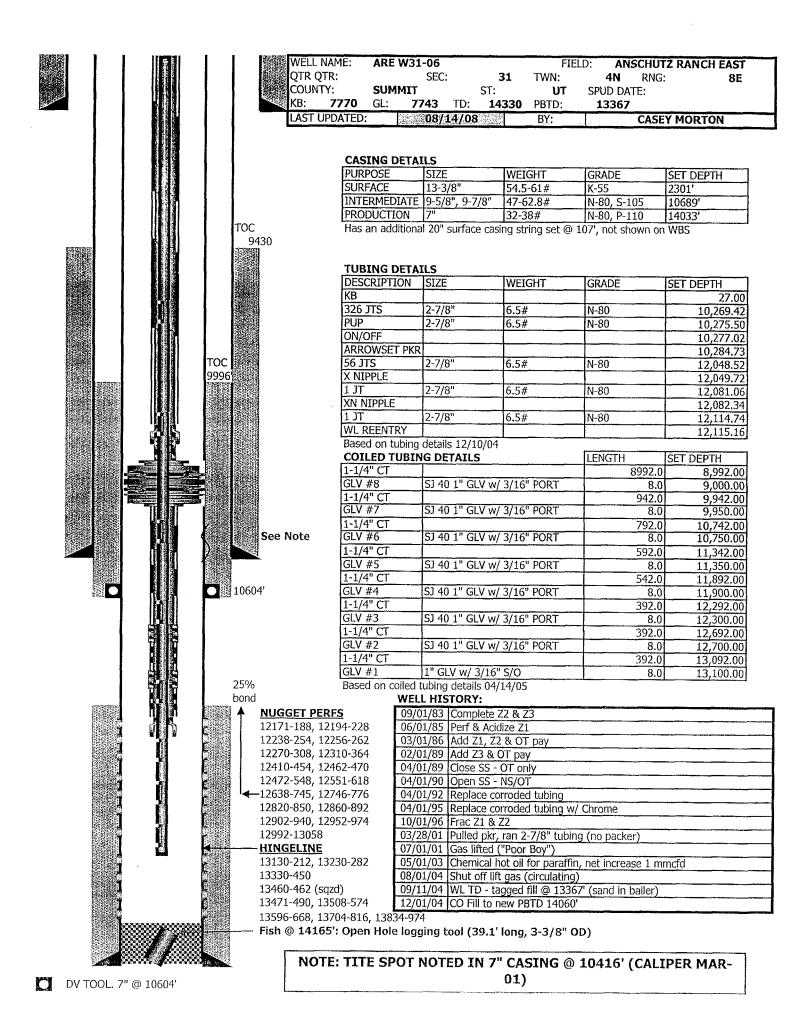
NUGGET Z3 PERFS

13475-560

All perfs shot w/ 4 spf 90 phasing unless noted otherwise

PROPOSED WELLBORE





Lease & Well No. Field Name Location

ARE W36-16 (FKA: Island Ranch E-1)

Anschutz Ranch East

Sec. 36, 4N 7E

Well Information Ground Elevation: 8,070 KB Elevation: 8,108

Spud Date: Completion Date:

2/01/82 11/01/83

175 bwpd

Plugback Depth: Total Depth: 14,475

Current Prod:

- IiO 0 bopd Gas -185 mcfpd

Comments: Schlumberger colled tubing gas lift setup No Merit Reports in PA

FCP -SITP -SICP -SIBHP -

Water -

FTP-

Pipe Data

| Conducto | ır. | | | | | |
|------------|-----------------|--------------|----------|-------|---------|-----------------------|
| Тор | Bottom | Size | Weight | Grade | Sx. Cmt | Comments |
| 0, | 0' | 0 | Unk | Unk | Unk | <u> </u> |
| Surface | | | | | | |
| Тор | Bottom | Size | Welght | Grade | Sx. Cmt | Comments |
| 0' | 2,888' | 13-3/8" | 54.5&61# | K-55 | 1 | T |
| Intermedi | ate 1 | | | | | |
| Тор | Bottom | Size | Weight | Grade | Sx. Cmt | Comments |
| 0' | 6,833' | 9-5/8" | 47.0# | HC-95 | Unk | DV@ 5662 |
| Intermedia | ate 2 nad Produ | uction Liner | | | | |
| Тор | Bottom | Size | Weight | Grade | Sx. Cmt | Comments |
| 0' | 11,817' | 7" | 32-35# | S-95 | Unk | 32#-6230', 29#-10489' |
| 10,476 | 14,775' | 4-1/2" | 15.1# | P-110 | Unk | 4" ID PBR @ 10748' |

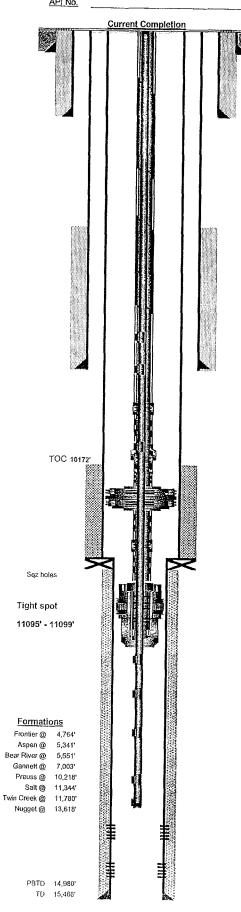
| Tubing Details | 被暴棄被職員 | | | | | SECTION SECTION |
|----------------------|-------------|------------|--|--|---|-----------------|
| Description | Length | Bottom | Size | Min. ID | Welght | Grade |
| КВ | 38.00' | 38.00' | Ï | | | |
| 318 jts | 9,854.00* | 9,892.00' | 3-1/2" | | 10.3# | VAM; N-80 |
| 24 jts | 743.72' | 10,635,72 | 3-1/2" | | 9.2# | Chrome |
| R-Nipple | 1.00' | 10,636,72 | 3-1/2" | 2.562 | | Childric |
| 1 jt | 31.00 | 10,667.72 | 3-1/2" | | 9.2# | Chrome |
| On/Off tool | 1.00' | 10,668.72' | 5-1/2 x 3-1/2* | | | 0.1101110 |
| Pup joint | 6,00' | 10,674.72' | 3-1/2" | | | VAM |
| Baker FHL packer | 6.00' | 10,680.72 | | | | |
| 1 jt | 31.00' | 10,711.72' | 3-1/2" | | | VAM |
| R Nipple | 1.00 | 10,712.72 | 3-1/2" | 2.562 | | 1733 |
| 1 jt | 31.00 | 10,743.72 | 3-1/2" | | | VAM |
| PBR | 4.00' | 10,747.72 | | 4" | | |
| Seal Assmebly | | 10,747.72' | | | | |
| DLED TÜBRIS DETAILE | | | | | | |
| 1-1/4" Coiled tubing | 6,766.00' | 6,766.00' | The state of the s | A STATE OF THE PARTY OF THE PAR | 220000000000000000000000000000000000000 | enesses and |
| Valve 8 | | 6,767.00' | | | | |
| Valve 7 | | 8,766.00 | | | | |
| Valve 6 | | 10,166.00' | | | *************************************** | |
| Valve 5 | | 11,016.00 | | | | |
| Valve 4 | | 11,616.00' | | | | |
| Valve 3 | | 12,216.00' | | | | |
| Valve 2 | | 12,716.00' | | | | |
| Valve 1 | | 13,117.00 | | | | |
| | | | | | | |
| | | | | | | |

Perforations

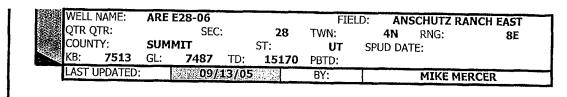
| liey | Gross Net - | 204 196 | PHIA PHIH | | <u>Noies</u> |
|---------------|----------------|------------|--------------|-------|---------------------|
| Date | Тор | Bottom | Gross | Holes | Comments |
| 9/11/1985 | 13,400' | 13,410 | 10' | 40 | Sand Frac(48K lbs.) |
| 9/11/1985 | 13,420' | 13,482' | 62' | 248 | Sand Frac(48K lbs.) |
| 9/11/1985 | 13,510' | 13,516' | 6' | 24 | Sand Frac(48K lbs.) |
| 9/11/1985 | 13,542 | 13,562' | 20' | 80 | Sand Frac(48K lbs.) |
| 9/11/1985 | 13,582' | 13,613' | 31' | 124 | Sand Frac(48K lbs.) |
| 9/11/1985 | 13,676' | 13,690' | 14' | 56 | Sand Frac(48K lbs.) |
| 9/11/1985 | 13,701 | 13,710' | 9' | 36 | Sand Frac(48K lbs.) |
| | 13,750' | 13,768' | 18' | 72 | |
| 1/8/1984 | 13,776' | 13,832' | 56' | 224 | All 4 SPF |
| 1/8/1984 | 13,861' | 13,894' | 33' | 132 | All 4 SPF |
| 1/8/1984 | 13,924" | 13,950' | 26' | 104 | All 4 SPF |
| 1/8/1984 | 13,980' | 14,015' | 35' | 140 | All 4 SPF |
| 1/8/1984 | 14,030' | 14,054' | 24' | 96 | All 4 SPF |
| 1/8/1984 | 14,061 | 14,072' | 11' | 44 | All 4 SPF |
| | 14,088" | 14,158' | 70' | 280 | All 4 SPF |
| 9/28/1987 | 14,270' | 14,340' | 70' | 280 | All 4 SPF |
| 0/28/1987 | 14,370' | 14,520' | 150' | 600 | All 4 SPF |
| 1/28/1987 | 14,580' | 14,600' | 50, | 80 | All 4 SPF |
| ## (A) (E) 12 | 1883/01 | 2 (Kg(t))) | 4,000 | 22.20 | |

CPF Name County & State API No.

Gas Gathering Summit County, UT



MERIT ENERGY COMPANY



CASING DETAILS

| PURPOSE | SIZE | WEIGHT | GRADE | SET DEPTH |
|--------------|----------------|------------|----------|---------------|
| | 13-3/8" | 72# | S95 | 3988' |
| INTERMEDIATE | 9-5/8", 9-7/8" | 47#, 62.8# | S95 | 12990' |
| PRODUCTION | 7" | 32# | L80 | F/12313-15160 |
| TIEBACK | 7" | 32# | N80, S95 | F/0-12313' |

TUBING DETAILS

| DESCRIPTION | SIZE | WEIGHT | GRADE | SET DEPTH |
|-------------|---------------|----------|--------------------|-----------|
| KB | | | | 26.00 |
| | FUBING | PULLED (| 7/13/05 | , |

TOL @ 12313

COLLAPSED CASING @ +/-12678'

SOZ PERFS

12991-12993

NUGGET PERFS

14250-14265

14310-14316

14325-14332

14360-14372

14380-14396

14466-14482

14500-14506

14530-14566

14594-14630

14728-14755

CICR @ 14802'

14814-14866 CICR @ 14900'

LICK @ 14900

14980-14988 (SQZD)

14992-15009 (SQZD)

15018-15024 (SQZD)

FISH: 2-7/8" 6.5# N80 stub, 43 jts 2-7/8" 6.5# N80, X Nipple, 1 jt 2-7/8" 6.5# N80, XN Nipple, WL Re-entry guide (1410.50')

| | STATE OF UTAH | | FORM 9 | |
|--|---|--|--|--|
| | DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN | | 5.LEASE DESIGNATION AND SERIAL NUMBER: FEE | |
| SUNDF | RY NOTICES AND REPORTS (| ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | |
| | oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon for such proposals. | | 7.UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST | |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: ARE W36-16 | | | |
| 2. NAME OF OPERATOR: MERIT ENERGY COMPANY | | | 9. API NUMBER: 43043301570000 | |
| 3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500, D | vallas, TX, 75240 972 6 | PHONE NUMBER: 628-1540 Ext | 9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0890 FSL 0447 FEL | | | COUNTY: SUMMIT | |
| QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SESE Section: 3 | an: S | STATE: UTAH | | |
| 11. CHEC | K APPROPRIATE BOXES TO INDICAT | E NATURE OF NOTICE, REPOR | RT, OR OTHER DATA | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | |
| | ACIDIZE | ALTER CASING | CASING REPAIR | |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | CHANGE TUBING | CHANGE WELL NAME | |
| | CHANGE WELL STATUS | COMMINGLE PRODUCING FORMATIONS | CONVERT WELL TYPE | |
| SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | FRACTURE TREAT | NEW CONSTRUCTION | |
| 6/12/2014 | OPERATOR CHANGE | PLUG AND ABANDON | PLUG BACK | |
| SPUD REPORT | ✓ PRODUCTION START OR RESUME | RECLAMATION OF WELL SITE | RECOMPLETE DIFFERENT FORMATION | |
| Date of Spud: | REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | TEMPORARY ABANDON | |
| | TUBING REPAIR | VENT OR FLARE | WATER DISPOSAL | |
| DRILLING REPORT Report Date: | WATER SHUTOFF | SI TA STATUS EXTENSION | APD EXTENSION | |
| | WILDCAT WELL DETERMINATION | OTHER | OTHER: | |
| 40 DECORUDE PROPOSED OR | | United to the desired | | |
| Merit Energy Com | pany Reactivated the ARE W ly producing via Gas Lift. 29 | / 36-16 on 6/12/2014. | Accepted by the Utah Division of | |
| | bbls water on 6/12/2014 | | Oil, Gas and Mining | |
| | | | FOR RECORD ONLY | |
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| NAME (PLEASE PRINT) | PHONE NUMB | ER TITLE | | |
| Ross King | 972 628-1041 | Regulatory Analyst | | |
| SIGNATURE N/A | | DATE 6/26/2014 | | |

| | STATE OF UTAH | | FORM 9 |
|--|--|--------------------------------------|---|
| ı | DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | 3 | 5.LEASE DESIGNATION AND SERIAL NUMBER: FEE |
| SUNDR | Y NOTICES AND REPORTS ON | WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | posals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal n for such proposals. | | 7.UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: ARE W36-16 | | |
| 2. NAME OF OPERATOR: MERIT ENERGY COMPANY | | 9. API NUMBER: 43043301570000 | |
| 3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500, Di | | DNE NUMBER: 1540 Ext | 9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0890 FSL 0447 FEL | | | COUNTY: SUMMIT |
| QTR/QTR, SECTION, TOWNSH | HP, RANGE, MERIDIAN: 6 Township: 04.0N Range: 07.0E Meridian: \$ | S | STATE: UTAH |
| 11. CHECI | K APPROPRIATE BOXES TO INDICATE N | ATURE OF NOTICE, REPOR | RT, OR OTHER DATA |
| TYPE OF SUBMISSION | | TYPE OF ACTION | |
| | ACIDIZE | ALTER CASING | CASING REPAIR |
| Approximate date work will start: | CHANGE TO PREVIOUS PLANS | CHANGE TUBING | CHANGE WELL NAME |
| 7/28/2014 | CHANGE WELL STATUS | COMMINGLE PRODUCING FORMATIONS | CONVERT WELL TYPE |
| SUBSEQUENT REPORT | DEEPEN | FRACTURE TREAT | NEW CONSTRUCTION |
| Date of Work Completion: | OPERATOR CHANGE | PLUG AND ABANDON | PLUG BACK |
| | | RECLAMATION OF WELL SITE | RECOMPLETE DIFFERENT FORMATION |
| SPUD REPORT Date of Spud: | | SIDETRACK TO REPAIR WELL | TEMPORARY ABANDON |
| | | VENT OR FLARE | WATER DISPOSAL |
| | | | |
| DRILLING REPORT Report Date: | | SI TA STATUS EXTENSION | APD EXTENSION |
| | | OTHER | OTHER: |
| MErit Energy Comp | completed operations. Clearly show all person plans to set a bridge plug to the set all persons and the set all persons are set as a bridge plug to the se | to shut off the water | epths, volumes, etc. Approved by the Utally B1yi2014of Oil, Gas and Mining |
| | | | Date: |
| | | | By: Dodk Out |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE | |
| Ross King | 972 628-1041 | Regulatory Analyst | |
| SIGNATURE N/A | | DATE 7/23/2014 | |

Well Name: ARE W 36-16 **API #:** 43-043-30157

KB to GL: 34'
KB: 8,104'
GL: 8,070'
TMD: 14,775'
PBMD: 14,620'

Casing: 13-3/8" Surface Casing, cem. @ 2,603'

9-5/8" Intermediate Casing, 47#, cem. @ 6,833' 7" Tie Back Casing, 32#, N-80, cem. @ 6,260' 7" Liner, 29-34#, P-110 cem. @ 6,251' – 11,817' 4-1/2" Liner, 15#, P-110 cem. @ 10,740' – 14,775'

Perforations: 13,400' – 14,600' (Open Intermittently, see attached well bore diagram)

Procedure:

MIRU and POOH

- 1. Inspect well location, address safety and procedure concerns with those on location and engineer.
- 2. MIRU work over rig and all associated equipment.
- 3. Bleed casing and tubing pressure to zero psi and nipple down wellhead.
- 4. Install and test BOPE.
- 5. POOH production string and stand back. Inspect tubing for damage and note issues.

Trip Scraper

6. PU and RIH with bit and scraper to check that well is clear, run 4.5" scraper to 12,200.

RIH with Packer and Retrievable Bridge Plug

- 7. PU and RIH retrievable bridge plug and packer on 2-3/8" and 2-7/8" tubing. Before running to depth discuss with engineer if needed to test packer and RBP.
- 8. MIRU wireline to correlate RBP and Packer on depth. Set RBP at 13,635' and packer at 13,530'.

Fluid Level Two Zones and Swab Test Two Zones

- 9. Swab well until viability of these zones can be determined. If no good then move on to the next intervals. Record tubing and casing pressure, and get fluid level.
- 10. Pull up and set RBP at 13,530' and packer at 13,380'.

ARE 36-16 Version #1 July 22, 2014

11. Leave well shut in overnight and allow the well to equalize. Record tubing/casing pressure and fluid level in the morning and swab well for 8 hours (adjust timing as needed pending well results). Contact engineer with results and to discuss if we should move to next steps.

Design Lift with Engineer Following Swabbing Results

- 12. With swabbing results contact engineer and establish lift design for this well. Tentatively planned for gas lift with plunger.
- 13. POOH with packer and RBP. Pick up and RIH with CIBP set via wireline at 13,650' (this depth may change pending swabbing results, contact engineer to discuss final set depth).

RTP and RDMO

- 14. RIH with production string and lift assembly as designed in step 13 above. Prepare to bring well back online.
- 15. ND BOPE and make up wellhead.
- 16. RDMO rig and equipment. Turn well over to production.

| WELL NAME: | ARE W | /36-16 | | | | | | | | | | | |
|--------------------------|----------|-----------|--------|---------------|-------------------|-------------------|----------|-----------|--|-----------------|--------|------------------|--|
| COUNTY: | | 1MIT | ST: | UT | FIELD: | Anschutz | TD: | 14,775' | | | | | |
| QTR QTR: | 501 | | SEC: | 36 | API #: | 43-043-30157 | PBTD: | 14,620' | | | | | |
| UPDATED: | 06/0 | 14/14 | TWN: | 4N | SPUD DATE: | 02/23/83 | KB: | 8,104' | | | | | |
| UPDATED. UPDATED BY: | | erglund | RNG: | 7E | MAX TEMP: | 216 °F | GL: | 8,070' | | | | | |
| טו טהובט פו. | r'iax Di | a giui iu | INIVO. | 76 | PIOA ILIME. | 210 F | GL. | 0,070 | | | IN | | |
| CASING DETAIL | c | | | | | | | | | | | | |
| PURPOSE | TOC | CMT | 5 | SIZE | WEIGHT | GRADE | SET I | EPTH | | | - 111 | | |
| SURFACE | SURF | 3800 SX | | -3/8" | 43.5, 54.5 & 61# | K-55 ST&C | 2,6 | | | | - 111 | | |
| | SUKF | 4015 SX | | -5/8" | 47# | HC-95 LT&C | - | | | | - 111 | _ | |
| INTERMEDIATE | | 4015 SX | | | | | 6,8 | | | | - 11.0 | | |
| TIE BACK | | 07F CV | | 7" 7" | 32# | N-80 | 6,2 | | | | - 1 | | |
| LINER | | 875 SX | | | 29 & 34.58# | P-110 | 6,251' - | | | | - 111 | | |
| LINER | | 92 SX | 4- | 1/2" | 15.1# | P-110 | 10,740 | - 14,775' | | | - 111 | | |
| TUBING DETAIL | _ | | | | | | | | | | | | |
| | .3 | | | 170 | WEIGHT | CDADE | CETI | COTU | | | - 1010 | _ | |
| DESCRIPTION | | | | IZE | WEIGHT | GRADE | SELL | DEPTH | | | - 818 | | |
| TUBING HANGER | | | | 1/2" | 2 701 00 2 751 70 | EUE DIN VIVAN DIN | | | | | - 818 | | |
| X OVER | | | | | 3.78" OD 2.75" ID | EUE PIN X VAM PIN | | 451 | | | - 80 | _ | |
| 264 JTS TUBING | | | | 1/2" | 12.7# | N-80 VAM | 8,0 | 145' | | | - 8,8 | | |
| X OVER | | | | X 2-7/8" | 6.5." | VAM X EUE | | 0.041 | | | 1 | | |
| 11 JTS TUBING | | | 2- | 7/8" | 6.5# | N-80 EUE | 8,39 | 0.91' | | | | <u> </u> | |
| GLV # 10 | | | | 7 (01) | | | | 0.001 | | | | <u> </u> | |
| 32 JTS TUBING | | | 2- | 7/8" | 6.5# | N-80 EUE | 9,39 | 0.22' | | \vdash | | | |
| GLV #9 | | | | | | | | | | | | | |
| 29 JTS TUBING | | | 2- | 7/8" | 6.5# | N-80 EUE | 10,30 | 00.61' | | | | | |
| GLV #8 | | | | | | | | | | $\vdash \vdash$ | | | |
| 8 JTS TUBING | | | | 7/8" | 6.5# | N-80 EUE | 1055 | 0.90' | | | | | |
| X OVER | | | | X 2-3/8" | | EUE BOX X EUE PIN | | | | \vdash | | | |
| 17 JTS TUBING | | | 2- | 3/8" | 4.7# | N-80 EUE | 11,08 | 39.06' | | | | | |
| GLV #7 | | | | | | | | | | | | | |
| 22 JTS TUBING | | | 2- | 3/8" | 4.7# | N-80 EUE | 11,78 | 36.08' | | | 1 | | |
| GLV #6 | | | | | | | | | | | | | |
| 19 JTS TUBING | | | 2- | 3/8" | 4.7# | N-80 EUE | 12,38 | 88.60' | | \bowtie | | $\vdash \bowtie$ | |
| GLV #5 | | | | | | | | | | \bowtie | | \vdash | |
| 19 JTS TUBING | | | 2- | 3/8" | 4.7# | N-80 EUE | 12,98 | 35.71' | | Ш | | | |
| GLV #4 | | | | | | | | | | — | | | |
| 13 JTS TUBING | | | | 3/8" | 4.7# | N-80 EUE | |)1.59' | | 1 | | Ħ | |
| Tubing pup inje | CTION M | ANDREL | | 3/8" | | | |)4.49' | | | | \Box | |
| 6 JTS TUBING | | | 2- | 3/8" | 4.7# | N-80 EUE | 13,59 | 95.49' | | | | | |
| GLV #3 | | | | | | | | | | | W | | |
| 19 JTS TUBING | | | 2- | 3/8" | 4.7# | N-80 EUE | 14,18 | 37.17' | | | | | |
| GLV #2 | | | | | | | | | | | | | |
| 10 JTS TUBING | | | 2- | 3/8" | 4.7# | N-80 EUE | 1450 | 2.86' | | | | | |
| GLV #1 | | | | | | | | | | | | | |
| 1 JT TUBING | | | | 3/8" | 4.7# | N-80 EUE | | | | | | | |
| BEVELED COLLAR | | | | 3/8" | | | | | | | | | |
| BULL PLUG | | | 2- | 3/8" | | | 14,53 | 39.18' | | | | | |
| | | | | | | | | | | | | | |
| Based on pull-r | un date | d 2/17/ | 2009 | | | | | | | | | | |
| | | | | | | | | | | $\sqcup 1$ | _ | | |
| PERFORATIONS | | | | | | | | | | | | | |
| DATE | | OP | | TTOM | GROSS | HOLES | | PF . | | | _ | | |
| 9/19/1985 | | 100' | | ,410' | 10' | 40 | | 1 | | | | | |
| 9/19/1985 | | 120' | | ,482' | 62' | 248 | | 1 | | | | | |
| 9/20/1985 | | 510' | | ,516' | 6' | 24 | | 1 | | | - 7 | | |
| 9/19/1985 | | 542' | | ,562' | 20' | 80 | | 1 | | | | | |
| 9/19/1985 | | 582' | | ,613' | 31' | 124 | | 1 | | | 11 | | |
| 4/10/1997 | | 576' | | ,696' | 20' | 80 | | 1 | | | | | |
| 9/20/1985 | | 701' | | ,710' | 9' | 36 | | 1 | | | | | |
| 9/20/1985 | | 750' | | ,768' | 18' | 72 | | 1 | | | | | |
| 11/22/1983 | 13, | 776' | | ,832' | 56' | 224 | | 1 | | | | | |
| 11/25/1983 | | 351' | | ,894' | 43' | 172 | | 1 | | | | | |
| 11/25/1983 | 13, | 924' | 13, | ,950' | 26' | 104 | | 1 | | | | | |
| 11/25/1983 | 13, | 950' | 14, | ,015' | 65' | 260 | | 1 | | | | | |
| 11/25/1983 | 14,0 | 030' | 14, | ,054' | 24' | 96 | | 1 | | | | | |
| 11/25/1983 | 14,0 | 061' | 14, | ,072' | 11' | 44 | | 1 | | | | | |
| | 14, | 088' | | ,158' | 70' | 280 | | 1 | | | | | |
| 11/25/1983 | | | | ,340' | 70' | 280 | | 1 | | | | | |
| 11/25/1983 11/23/1987 | 14, | 2/0 | 14, | ,340 | | | | | | | | | |
| | | 370' | | ,540 ,520' | 150' | 600 | | 1 | | | | | |
| 11/23/1987 | 14, | | 14, | | | | | | | | | | |

Sundry Number: 61602 API Well Number: 43043301570000

| | STATE OF UTAH | | | FORM 9 |
|--|--|--|-------------------------------|---|
| [| DEPARTMENT OF NATURAL RESC DIVISION OF OIL, GAS, AND | | i | 5.LEASE DESIGNATION AND SERIAL NUMBER: FEE |
| SUNDR | Y NOTICES AND REPOR | TS ON | WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | posals to drill new wells, significa reenter plugged wells, or to drill ho n for such proposals. | | | 7.UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST |
| 1. TYPE OF WELL Gas Well | | 8. WELL NAME and NUMBER: ARE W36-16 | | |
| 2. NAME OF OPERATOR: MERIT ENERGY COMPANY | | | | 9. API NUMBER: 43043301570000 |
| 3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500, Da | allas, TX, 75240 | | NE NUMBER: 540 Ext | 9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0890 FSL 0447 FEL | | COUNTY: SUMMIT | | |
| Qtr/Qtr: SESE Section: 30 | 3 | STATE: UTAH | | |
| 11. CHECH | K APPROPRIATE BOXES TO IND | ICATE N | ATURE OF NOTICE, REPOR | T, OR OTHER DATA |
| TYPE OF SUBMISSION | | | TYPE OF ACTION | |
| | ACIDIZE | A | LTER CASING | CASING REPAIR |
| NOTICE OF INTENT | CHANGE TO PREVIOUS PLANS | | HANGE TUBING | CHANGE WELL NAME |
| Approximate date work will start: | CHANGE WELL STATUS | □ c | OMMINGLE PRODUCING FORMATIONS | CONVERT WELL TYPE |
| SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | □ ₽ | RACTURE TREAT | NEW CONSTRUCTION |
| 8/13/2014 | OPERATOR CHANGE | | LUG AND ABANDON | PLUG BACK |
| | PRODUCTION START OR RESUME | | ECLAMATION OF WELL SITE | RECOMPLETE DIFFERENT FORMATION |
| SPUD REPORT Date of Spud: | | | | |
| | REPERFORATE CURRENT FORMATION | | IDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| DRILLING REPORT | L TUBING REPAIR | | ENT OR FLARE | ☐ WATER DISPOSAL |
| Report Date: | ✓ WATER SHUTOFF | ∟ s | I TA STATUS EXTENSION | APD EXTENSION |
| | WILDCAT WELL DETERMINATION | | THER | OTHER: |
| | completed operations. Clearly s mpleted work on the abo the attached daily sum | ve refe | | Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 26, 2015 |
| NAME (PLEASE PRINT) Katherine McClurkan | PHONE N 972 628-166 | | TITLE Regulatory Analyst | |
| SIGNATURE N/A | | | DATE 3/18/2015 | |

Sundry Number: 61602 API Well Number: 43043301570000



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date: Report #

| Well Name: ARE | N 36 16 | | | | Roport # |
|----------------------|----------------------------|----------------------|-----------------|---------------------|--------------------|
| Accounting ID | Original Spud Date | Operator | SAP API Number | Lease | Unit Name |
| 7645-01 | | MERIT ENERGY COMPANY | 004304330157 | ARE- West | |
| Working Interest (%) | Original KB Elevation (ft) | SAP Latitude | SAP Longitude | Total Depth | KB Adjustment (ft) |
| 59.62 | | 41.0330800000 | -111.0954800000 | | |
| Field Name | County | State/Province | Field Office | Accounting Group | Producing Status |
| ANSCHUTZ RANCH FAST | SHMMID | ΙΙΤΔΗ | ANSCHUT7 | Anschutz Ranch Unit | Producing |

| ob Category Completion/Workover | Primary Job Type Workover | Job Start Date 7/23/2014 | Job End Date |
|--|--|--|--|
| aily Operations | VVOIKOVEI | 1723/2014 | |
| eport Start Date | | Primary Activity | |
| • | 7/28/2014 | MIRÚ | |
| perations Summary | 51 00701 / http://doi.org/10.10.10.10.10.10.10.10.10.10.10.10.10.1 | All and a second and a second AMP and be and AM | IL DOD. |
| eport Start Date | -L 82/2 / blow well down to sales, MIR | U, spot support equipment, N/D well head, N/ | U BOPS, |
| eport Start Date | 7/29/2014 | TOH 3 1/2 vam / 2 7/8 / 2 3/8 tb | oa |
| perations Summary | | | 3 |
| | flat tank, TOH L/D 240 jts 3 1/2' vam 12 | 2.7# tbg spooling cap string EOT 7242', secure | e qwell SDON. |
| eport Start Date | 7/00/0044 | Primary Activity | |
| perations Summary | 7/30/2014 | TOH / TIH 2 3/8" work string | |
| | to flat tank. Continue spooling can stri | ng T/D 24 its 3 1/2" 12 7# N80 yam tha swai | p over 2 7/8" equipment L/D 80 jts 2 7/8" 6.5# |
| | | | 701 OD (4) Blade bit, bit sub, 4 1/2" 15.1 # csq |
| | | 2 3/8" tbg, P/U tally 66 jts 2 3/8" beveled collar | |
| eport Start Date | · · · · · · · · · · · · · · · · · · · | Primary Activity | |
| | 7/31/2014 | TIH bit csg scraper / TOH bit cs | g scraper / TIH RBP,PKR |
| perations Summary | | | |
| | | | 2" liner depth 13749', L/D 4 jts 2 3/8"tbg, TOH |
| | | | 6' pup, 3.68 OD Ret head, 3.65 OD RBP, TIH |
| | 2350' secure well SDON. (Note: cap st | 0.00 | |
| eport Start Date | 8/1/2014 | Primary Activity TIH set RBP | |
| | | | |
| porations Cummon. | 0/1/2014 | TITT SEL NOF | |
| perations Summary | | | set RRP 12' out on it 434 @ 13665' MD 1/D 2 |
| IP 50/50, TIH 180 stds 2 3/8 | B" 4.7# EUE N80 tbg, trouble setting RE | BP pump 25 bbls 2% KLC 1.3 bpm down tbg, | set RBP 12' out on jt 434 @ 13665' MD, L/D 2 |
| IP 50/50, TIH 180 stds 2 3/8 | | 3P pump 25 bbls 2% KLC 1.3 bpm down tbg, s 2918' MD | set RBP 12' out on jt 434 @ 13665' MD, L/D 2 |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 st | B" 4.7# EUE N80 tbg, trouble setting RE | BP pump 25 bbls 2% KLC 1.3 bpm down tbg, | , - |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 st eport Start Date | 8" 4.7# EUE N80 tbg, trouble setting RE ands 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 | BP pump 25 bbls 2% KLC 1.3 bpm down tbg, s 2918' MD Primary Activity Set PKR swab test zone #1 / zo | one #2 |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 st eport Start Date perations Summary ITP 100psi / SICP 20psi, Tro | 3" 4.7# EUE N80 tbg, trouble setting RE ands 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 ouble setting PKR pump 25bbls 2% KC | BP pump 25 bbls 2% KLC 1.3 bpm down tbg, s 2918' MD Primary Activity Set PKR swab test zone #1 / zo | one #2 y to set pkr @ 13528' / 13346' / 13282' / NoGo |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 st eport Start Date perations Summary ITP 100psi / SICP 20psi, Troble to set PKR @ 11676' 101 | 3" 4.7# EUE N80 tbg, trouble setting RE inds 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 ouble setting PKR pump 25bbls 2% KC K down, TIH try to set PKR @ 13530' N | BP pump 25 bbls 2% KLC 1.3 bpm down tbg, s 2918' MD Primary Activity Set PKR swab test zone #1 / zo L @ 3bpm down tbg flush down hole, PUH try NoGo, TOH stand back 31 stands 2 3/8" tbg, s | one #2 y to set pkr @ 13528' / 13346' / 13282' / NoGo set PKR 4' out on jt 371 @ 11676' 8K down, |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 steport Start Date perations Summary ITP 100psi / SICP 20psi, Troble to set PKR @ 11676' 101/2/U swab equipment RIH tag | 3" 4.7# EUE N80 tbg, trouble setting RE inds 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 ouble setting PKR pump 25bbls 2% KC K down, TIH try to set PKR @ 13530' N | Primary Activity Set PKR swab test zone #1 / zo L @ 3bpm down tbg flush down hole, PUH try NoGo, TOH stand back 31 stands 2 3/8" tbg, s 47bbls EFL @ 4000' well unloading flowing or | one #2 y to set pkr @ 13528' / 13346' / 13282' / NoGo set PKR 4' out on jt 371 @ 11676' 8K down, |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 st eport Start Date perations Summary ITP 100psi / SICP 20psi, Troble to set PKR @ 11676' 101 | 8" 4.7# EUE N80 tbg, trouble setting RE inds 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 ouble setting PKR pump 25bbls 2% KC K down, TiH try to set PKR @ 13530' N FL @ , 6600' make 7 runs, recovered | BP pump 25 bbls 2% KLC 1.3 bpm down tbg, s 2918' MD Primary Activity Set PKR swab test zone #1 / zo L @ 3bpm down tbg flush down hole, PUH try loGo, TOH stand back 31 stands 2 3/8" tbg, s 47bbls EFL @ 4000' well unloading flowing or | one #2 y to set pkr @ 13528' / 13346' / 13282' / NoGo set PKR 4' out on jt 371 @ 11676' 8K down, n its own. SI secure well SDON. |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 st eport Start Date perations Summary ITP 100psi / SICP 20psi, Trouble to set PKR @ 11676' 101/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1 | 3" 4.7# EUE N80 tbg, trouble setting RE inds 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 ouble setting PKR pump 25bbls 2% KC K down, TIH try to set PKR @ 13530' N | Primary Activity Set PKR swab test zone #1 / zo L @ 3bpm down tbg flush down hole, PUH try NoGo, TOH stand back 31 stands 2 3/8" tbg, s 47bbls EFL @ 4000' well unloading flowing or | one #2 y to set pkr @ 13528' / 13346' / 13282' / NoGo set PKR 4' out on jt 371 @ 11676' 8K down, n its own. SI secure well SDON. |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 steport Start Date perations Summary ITP 100psi / SICP 20psi, Troble to set PKR @ 11676' 10/2/U swab equipment RIH tageport Start Date perations Summary | 3" 4.7# EUE N80 tbg, trouble setting RE inds 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 ouble setting PKR pump 25bbls 2% KC K down, TIH try to set PKR @ 13530' N FL @ , 6600' make 7 runs, recovered 8/5/2014 | Primary Activity Set PKR swab test zone #1 / zo 29 3bpm down tbg flush down hole, PUH try NoGo, TOH stand back 31 stands 2 3/8" tbg, stands EFL @ 4000' well unloading flowing or Primary Activity Set PKR swab test zone #1 / zo | one #2 y to set pkr @ 13528' / 13346' / 13282' / NoGo set PKR 4' out on jt 371 @ 11676' 8K down, n its own. SI secure well SDON. |
| IP 50/50, TIH 180 stds 2 3/8 s 2 3/8" tbg stand back 11 steport Start Date perations Summary ITP 100psi / SICP 20psi, Troble to set PKR @ 11676' 100 I/U swab equipment RIH tageport Start Date perations Summary ITP 1350psi SICP 30psi, blo | 3" 4.7# EUE N80 tbg, trouble setting RE inds 2 3/8" 4.7# EUE N80 tbg, EOT @ 1 8/4/2014 ouble setting PKR pump 25bbls 2% KC K down, TIH try to set PKR @ 13530' N FL @ , 6600' make 7 runs, recovered 8/5/2014 ow well down to sales 30min, open to flat | Primary Activity Set PKR swab test zone #1 / zo L @ 3bpm down tbg flush down hole, PUH try NoGo, TOH stand back 31 stands 2 3/8" tbg, s 47bbls EFL @ 4000' well unloading flowing or Primary Activity Set PKR swab test zone #1 / zo at tank well died off made 1 swab run tag FL (| one #2 y to set pkr @ 13528' / 13346' / 13282' / NoGo set PKR 4' out on jt 371 @ 11676' 8K down, n its own. SI secure well SDON. one #2 @ 3900' well kicked off flowing to flat tank, |
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SIP 1400 / 375 psi, Blow well down to flat tank, pump 20bbl 2% KCL down tbg, R/U E line RIH Gama ray, CCL locator,(1) 5' (2) 7' wt# bars, correlate to CBL log Penco, Amoco production Co, Anschutz Ranch East, Summit Utah, date 11/20/83, sec 36, Twp 4N, Rge 7E, correlate to gamma log tie into collars made +4' correction, KB corr -14' EOT @ 12904'WD, RBP @ 13651'MD between collars, POOH, Pull tools up into lubricator pulled E line out of rope socket lost tool string down hole (Gama tool / ccl tool / (1) 5' weight bar / (2) 7' weight bars / cable head / 1.38 OD / length 26', R/D E line, pump 20 bbls 2 % KCL down tbg,TOH stand back 205 stands 2 3/8" 4.7# N80 EUE tbg, L/D XN nipple, 10' pup, PKR, 6' pup, Ret head, TIH Ret head, XN nipple 1.875 profile w/ 1.79 NoGo, 30 stands 2 3/8" tbg kill string EOT @ 1880', secure well SDON.

 Report Start Date
 Primary Activity

 8/8/2014
 Fish tools / TOH L/D RBP

Operations Summary

TBG 125psi csg 125psi, well open to sales overnight, TOU 30 stands 2 3/8" 4.7# EUE N80 tbg, R/U E line RIH 1/4" braded line (11,000# strength Knives on head start to cut @ 7000#), overshot 3.14 OD W/ 1.375 garble, Jars 2.13 OD, spang bars 1.89 OD, wt bar 2.13 OD Knuckle 1.90 OD, cable head 1.90 OD overall length w/ spang bars open 17.6', w/ spang bars closed 16.1', Top of fish @ 13625'MD / Tag up high 13550' WLM act like tools slide down hole, check PU string wt 2320# continue down hole tag up on fish @ 13627' WLM PU pull over 800# PU string wt 2570# looks like we have hold of fish POOH, L/D Tools, R/D Eline, TIH Ret head, 6' pup, XN nipple 1.875 profile 1.79 NoGo, 205 stands 2 3/8" 4.7# EUE N80 tbg, Latch up on RBP release TOH L/D 364 jts 2 3/8" 4.7# EUE N80 tbg, EOT @ secure well SDON.

 Report Start Date
 Primary Activity

 8/9/2014
 TOH set / CIBP

Operations Summary

SIP 0psi, TOH stand back 32 stands 2 3/8" 4.7# EUE N80 tbg, R/U Eline Gama Ray tool, wt bar, stinger, basket, GR 3.625 OD, tools failed POOH R/D Pioneer services, Pump 50bbls 2 % KCL down well for down hole flush, R/U Warrior services.RIH Gama tool, basket, GR 3.625 correlate to CBL log Penco, Amoco production Co, Anschutz Ranch East, Summit Utah, date 11/20/83, sec 36, Twp 4N, Rge 7E, correlate to gamma log tie into collars made -40' correction, tie into collar @ 13489' make reference mark on line, PUH correlate to liner top @ 10734' POOH L/D tools, P/U RIH CIBP 3.60 OD, ccl locator correlate to liner top @ 10734', and collar @ 13489', get on depth set CIBP @ 13651' retag POOH R/D E line. TIH 32 stands 2 3/8" 4.7# EUE N80 tbg, secure well SDON.

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Sundry Number: 61602 API Well Number: 43043301570000



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date: Report #

| , , , , , , , , , , , , , , , , , , , | 7.1.2 7.00 10 | | | | | | |
|---------------------------------------|----------------------------|----------------------|-----------------|---------------------|--------------------|--|--|
| Accounting ID | Original Spud Date | Operator | SAP API Number | Lease | Unit Name | | |
| 7645-01 | | MERIT ENERGY COMPANY | 004304330157 | ARE- West | | | |
| Working Interest (%) | Original KB Elevation (ft) | SAP Latitude | SAP Longitude | Total Depth | KB Adjustment (ft) | | |
| 59.62 | | 41.0330800000 | -111.0954800000 | | | | |
| Field Name | County | State/Province | Field Office | Accounting Group | Producing Status | | |
| ANSCHUTZ RANCH EAST | SUMMIT | UTAH | ANSCHUTZ | Anschutz Ranch Unit | Producing | | |

| · | · | |
|---|--|---|
| Daily Operations | | |
| Report Start Date | 8/10/2014 | Primary Activity TIH Production string |
| 2 3/8" 4.7# EUE N80 tbg, GLV #8 jts 2 3/8" 4.7# EUE N80 tbg, Xove | | o · |
| Report Start Date | 8/11/2014 | Primary Activity TIH Production string |
| 8RD, 24Jts 2/78" 6.5#EUE N80 tt 10735 in on jt 263, secure well SI bit 3.701 OD, Ret head 3.68 OD, 3.68 OD on / off tool 3.68 OD) | og, GLV #1 8RD, JT 271 12' out, 54' into 4 1/2" DON. (Note: talked with Weatherford RBP was | 2/78" 6.5# EUE N80 tbg, GLV #3 8RD, 20Jts 2/78" 6.5#EUE N80 tbg, GLV #2 liner top PKR set down 6-8K pull over 10K PUH hang PKR above liner top @ full of band material in Ret head, (Tools in hole prior to production string, Blade cted, Ret head was not damaged from tools falling in hole.)(Production PKR |
| Report Start Date | 8/12/2014 | Primary Activity TIH Production string |
| down, 4-6K over pull, work several spot. 409' from liner top down tight pup jts, Xover 2 7/8" pin x 3 1/2" v 1X 4 1/2 10K PKR it grabs, set dotal pull over 94K, set down 18K | al times get past tight spot, continue to work thront.) Continue TIH 65 jts 2 7/8" 6.5# N80 tbg no p vam box, Xover 3 1/2" vam pin x 3 1/2" EUE pin own 5-10K and slips, will not set, pump 40bbls 2 | is 2 7/8" 6.5# EUE N80 tbg, inter 40' into 4 1/2" liner top stacking out on wt 10K bugh tight spot next 8 jts, (Note: PUH on each jt make sure not stuck, past tight problems, found 1jt w/ perf hole in tbg, R/D Hydro tester, P/U TIH (2) 8' 2 7/8", 3 1/2" EUE EXT neck Hanger ported, M/U landing jt, Try several times set ASI-% KCL down csg flush, try 3 times PKR set, string p/u wt 84K, pull over 10K 3379' MD, R/D floor start to N/D BOPs N/U Well head secure well SDON. |
| Report Start Date | 8/13/2014 | Primary Activity RDMO |
| Operations Summary RDMO | | |
| | | |

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